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CI/SfB

(4-) Mh2/h3

**Agreement
Certificate
No 91/2717**

*Fifth issue**



Designated by Government
to issue
European Technical
Approvals

CORUS COLORCOAT COIL-COATED STEEL COIL AND SHEET

Plaque en acier

Legierungsblech auf Stahl

Product




• THIS CERTIFICATE RELATES TO THE CORUS COLORCOAT COIL-COATED STEEL COIL AND SHEET PRODUCTS DESCRIBED IN THE ACCOMPANYING DETAIL SHEETS. THE PRODUCTS HAVE A COIL-COATED FINISH ON GALVANIZED STEEL OR ZINC/ALUMINIUM ALLOY COATED STEEL.

- The products may be:
 - profiled by roll-forming for use as external roofing, cladding or internal lining in accordance with the documents listed in section 11 of these Front Sheets
 - brake-pressed into the associated flashings and fittings, or
 - used as flat sheet.

These Front Sheets must be read in conjunction with the accompanying Detail Sheets, which provide information specific to the products.

Regulations — Detail Sheet 1

1 The Building Regulations 2000 (as amended) (England and Wales)

 The Secretary of State has agreed with the British Board of Agrément the aspects of performance to be used by the BBA in assessing the compliance of profiled sheets for roofing and cladding with the Building Regulations. In the opinion of the BBA, Corus Colorcoat Coil-Coated Steel Coil and Sheet, if used in accordance with the provisions of this Certificate, will meet or contribute to meeting the relevant requirements.

Requirement: B2(1)

Internal fire spread (linings)

Comment:

The products meet this Requirement. See the relevant tinted area (3.2) in the *Properties in relation to fire* section of the accompanying Detail Sheets.

Requirement: B3(2)(4)

Internal fire spread (structure)

Comment:

The roofspace and concealed cavities should be subdivided in accordance with this Requirement. See the relevant tinted areas (3.1 to 3.3) in the *Properties in relation to fire* section of the accompanying Detail Sheets.

Requirement: B4(1)(2)

External fire spread

Comment:

The products meet this Requirement. See the relevant tinted areas (3.1 and 3.2) in the *Properties in relation to fire* section of the accompanying Detail Sheets.

Requirement: C2(b)

Resistance to moisture

Comment:

The products, when installed in accordance with this Certificate, meet this Requirement.

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Requirement: Regulation 7

Materials and workmanship

Comment:

The products are acceptable. See the tinted areas in the *Durability* section of the accompanying Detail Sheets.

2 The Building (Scotland) Regulations 2004



In the opinion of the BBA, Corus Colorcoat Coil-Coated Steel Coil and Sheet, if used in accordance with the provisions of this Certificate, will satisfy or contribute to satisfying the various Regulations and related Mandatory Standards as listed below.

Regulation:	8	Fitness and durability of materials and workmanship
Regulation:	8(1)	Fitness and durability of materials and workmanship
Comment:		The products can contribute to a construction satisfying this Regulation. See the tinted areas in the <i>Durability</i> section of the accompanying Detail Sheets and the <i>Installation</i> part of these Front Sheets.
Regulation:	9	Building standards – construction
Standard:	2.1	Compartmentation
Comment:		The products can contribute to satisfying this Standard, with reference to clause 2.1.16 ⁽²⁾ . See the relevant tinted area (3.1) in the <i>Properties in relation to fire</i> section of the accompanying Detail Sheets.
Standard:	2.2	Separation
Comment:		The products can contribute to satisfying this Standard, with reference to clauses 2.2.7 ⁽²⁾ and 2.2.10 ⁽¹⁾ . See the relevant tinted area (3.3) in the <i>Properties in relation to fire</i> section of the accompanying Detail Sheets.
Standard:	2.4	Cavities
Comment:		The products can contribute to satisfying this Standard, with reference to clauses 2.4.2 ⁽¹⁾⁽²⁾ , 2.4.3 ⁽²⁾ , 2.4.7 ⁽¹⁾ and 2.4.9 ⁽²⁾ . See the relevant tinted area (3.3) in the <i>Properties in relation to fire</i> section of the accompanying Detail Sheets.
Standard:	2.5	Internal linings
Comment:		The products can contribute to satisfying this Standard, with reference to clause 2.5.1 ⁽¹⁾⁽²⁾ . See the relevant tinted area (3.2) in the <i>Properties in relation to fire</i> section of the accompanying Detail Sheets.
Standard:	2.6	Spread to neighbouring buildings
Comment:		The products are not classified as 'non-combustible' and are therefore restricted under this Standard, with reference to clauses 2.6.4 ⁽¹⁾⁽²⁾ , 2.6.5 ⁽¹⁾ and 2.6.6 ⁽²⁾ . See the relevant tinted area (3.2) in the <i>Properties in relation to fire</i> section of the accompanying Detail Sheets.
Standard:	2.7	Spread on external walls
Comment:		The products can contribute to satisfying this Standard, with reference to clause 2.7.1 ⁽¹⁾⁽²⁾ . See the relevant tinted area (3.2) in the <i>Properties in relation to fire</i> section of the accompanying Detail Sheets.
Standard:	2.8	Spread from neighbouring buildings
Comment:		The products can contribute to satisfying this Standard, with reference to clause 2.8.1 ⁽¹⁾⁽²⁾ . See the relevant tinted area (3.1) in the <i>Properties in relation to fire</i> section of the accompanying Detail Sheets.
Standard:	3.10	Precipitation
Comment:		When installed in accordance with this Certificate, the products can contribute to satisfying this Standard, with reference to clauses 3.10.1 ⁽¹⁾⁽²⁾ , 3.10.5 ⁽¹⁾⁽²⁾ and 3.10.7 ⁽¹⁾⁽²⁾ .
Regulation:	12	Building standards – conversions
Comment:		All comments given for these products under Regulation 9, also apply to this Regulation, with reference to clause 0.12.1 ⁽¹⁾⁽²⁾ and Schedule 6 ⁽¹⁾⁽²⁾ . (1) Technical Handbook (Domestic). (2) Technical Handbook (Non-Domestic).

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3 The Building Regulations (Northern Ireland) 2000



In the opinion of the BBA, Corus Colorcoat Coil-Coated Steel Coil and Sheet, if used in accordance with the provisions of this Certificate, will satisfy or contribute to satisfying the various Building Regulations as listed below.

Regulation:	B2	Fitness of materials and workmanship
Comment:		The products are acceptable. See the tinted areas in the <i>Durability</i> section of the accompanying Detail Sheets.
Regulation:	C4	Resistance to ground moisture and weather
Comment:		When installed in accordance with this Certificate, the products can be used to satisfy this Regulation.
Regulation:	E3	Internal fire spread — Linings
Comment:		The products have a Class 0 surface as defined in Technical Booklet E : Section 2.4, and are unrestricted under this Regulation. See the relevant tinted area (3.2) in the <i>Properties in relation to fire</i> section of the accompanying Detail Sheets.
Regulation:	E4	Internal fire spread — Structure
Comment:		The roof space and concealed cavities should be subdivided in accordance with this Regulation. See the relevant tinted areas (3.1 to 3.3) in the <i>Properties in relation to fire</i> section of the accompanying Detail Sheets.
Regulation:	E5	External fire spread
Comment:		The products are unrestricted under this Regulation. See the relevant tinted areas (3.1 and 3.2) in the <i>Properties in relation to fire</i> section of the accompanying Detail Sheets.

4 Construction (Design and Management) Regulations 1994 (as amended) Construction (Design and Management) Regulations (Northern Ireland) 1995 (as amended)

Information in this Certificate may assist the client, planning supervisor, designer and contractors to address their obligations under these Regulations.

See section: 7 *Delivery and site handling* (7.4) of these Front Sheets.

Technical Specification

5 Description

5.1 Corus Colorcoat Coil-Coated Steel Coil and Sheet are coated on one⁽¹⁾ or both sides with the coating described in the appropriate Detail Sheet.

(1) The reverse side is coated to one of the specifications described in the appropriate Detail Sheet.

5.2 Each paint finish is available in a range of standard colours detailed in the appropriate Detail Sheet.

5.3 Coils are available in standard sizes of:

thickness (mm)	0.4 to 1.6
width (m)	1.65 maximum

6 Manufacture

6.1 In a coil-coating process, galvanized steel coil Z275 or zinc/aluminium alloy coated steel to BS EN 10326 : 2004 or BS EN 10327 : 2004 is degreased, chemically pre-treated and coated to the specification described in the appropriate Detail Sheet.

6.2 Quality control tests are carried out on incoming paint. Tests on the finished products are carried out to determine:

- paint film thickness

- impact resistance
- gloss
- colour and adhesion
- bend/flexibility
- pencil hardness
- solvent resistance
- resistance to boiling water.

6.3 Reference tests are carried out regularly to determine the resistance to salt spray, humidity and artificial weathering.

7 Delivery and site handling

7.1 The products are not usually delivered to site in coil form, but are formed into profiled sheets and flashings by specialist forming companies.

7.2 The profiled sheet is usually delivered to site on trailers and unloaded by crane. The site must have adequate access and a suitable surface for this traffic.

7.3 During transport, the edges and corners of the sheets must be protected against damage and the sheets should be restrained to prevent abrasion.

7.4 On site, sheets should be stored on a firm, dry base, on bearers at a maximum spacing of 900 mm, away from the possibility of damage,

and covered to prevent the ingress of water. They should be stored as close as possible to the building where they are to be installed, and should be handled in accordance with the Manual Handling Operations Regulations 1992.

7.5 When required for installation the sheets should be lifted from the stack rather than dragged across it.

Design Data

8 General

8.1 Corus Colorcoat Coil-Coated Steel Coil and Sheet, after roll-forming or brake-pressing, is suitable for external use as roofing or cladding, or for internal use as a lining.

8.2 It may be used as plain sheet for such purposes as small infill panels (provided these are sufficiently robust and properly secured).

8.3 The products are suitable for use in areas where there is little possibility of impact or abrasion damage, ie at low levels in areas with restricted access, or at higher levels in public areas. These are as described in categories C to F of BS 8200 : 1985, Table 2, and as categories E₂ to E₅ of MOAT No 43 : 1987, Table 3.1, which are reproduced (in part) in Table 1.

Table 1 Categories — BS 8200 and MOAT No 43

Category BS 8200	Description	Examples	Category MOAT 43
C	Accessible mainly to those with some incentive to exercise care. Some chance of accident occurring and of misuse	Walls adjacent to private open gardens. Back walls of balconies	E ₃ Zone of wall up to 1.5 m above pedestrian or floor level
D	Only accessible, but not near a common route, to those with high incentive to exercise care. Small chance of accident occurring or of misuse	Walls adjacent to small fenced decorative gardens with no through paths or floor	
E	Above zone of normal impacts from people but liable to impacts from thrown or kicked objects	1.5 m to 6 m above pedestrian or floor level in public areas	E ₂
F	Above zone of normal impacts from people and not liable to impacts from thrown or kicked objects	Wall surfaces at higher positions than those defined in E above	E ₅

9 Maintenance

9.1 A planned maintenance cycle should be introduced if an extended design life is required.

9.2 In some areas (eg marine and industrial areas, and where cladding is sheltered directly beneath a soffit), it may be necessary to clean the

installation periodically, both to restore its appearance and to remove potentially corrosive deposits. This can be done by hosing with water, using a neutral detergent.

9.3 Damaged panels may be replaced using normal installation techniques.

10 Durability

10.1 The products are resistant to all normal atmospheric corrosive agencies (including marine and industrial) and will withstand considerable distortion of the metal without the coating losing adhesion.

10.2 The coatings are colour-fast and have the durability described in the accompanying Detail Sheets.

Installation

11 Procedure

11.1 The installation is designed and carried out in accordance with European Convention for the Construction of Steelwork (ECCS) *European Recommendations for Steel Construction*:

- Publication No 40 *The Design of Profiled Sheet Metal Roofing*
 - Publication No 41 *Good Practice in Steel Cladding and Roofing*
- or with the relevant parts of:
- BS 5427-1 : 1996
 - BS 8200 : 1985
 - National Federation of Roofing Contractors *Profiled sheet metal roofing and cladding — A guide to good practice.*
 - MCRMA⁽¹⁾ Technical Paper No 5 — *Metal Wall Cladding Detailing Guide.*
 - MCRMA⁽¹⁾ Technical Paper No 6 — *Profiled Metal Roofing Design Guide.*

(1) The Metal Cladding and Roofing Manufacturer's Association.

11.2 Fixings should be selected in accordance with ECCS Publication No 35 *Mechanical Fasteners for Use in Steel Sheet Metal Roofing and Sections* and should be corrosion-resistant (ie sherardized or galvanized steel, aluminium or stainless steel). Primary fixings should have a durable plastic or rubber washer to prevent water ingress. Electroplated carbon steel fixings must have an effective plastic capping; mild steel or copper fixings are unsuitable.

Technical Investigations

The following is a summary of the technical investigations carried out on Corus Colorcoat Coil-Coated Steel Coil and Sheet.

12 Tests

Tests were carried out to determine:

- abrasion resistance
- impact resistance
- scratch resistance
- surface spread of flame
- fire propagation
- fire roof exposure rating
- effect of artificial weathering
- effect of salt spray
- effect of bending
- resistance to sulphur dioxide.

13 Investigations

Factory visits were made to examine the manufacturing process and obtain details of the raw material specifications and quality control procedures.

Bibliography

BS 5427-1 : 1996 *Code of practice for the use of profiled sheet for roof and wall claddings on buildings — Design*

BS 8200 : 1985 *Code of practice for design of non-loadbearing external vertical enclosures of buildings*

BS EN 10326 : 2004 *Continuously hot-dip coated strip and sheet of structural steels — Technical delivery conditions*

BS EN 10327 : 2004 *Continuously hot-dip coated strip and sheet of low carbon steels for cold forming — Technical delivery conditions*

MOAT No 43 : 1987 *UEAtc Directives for Impact Testing Opaque Vertical Building Components*

Conditions of Certification

14 Conditions

14.1 This Certificate:

- (a) relates only to the product that is named, described, installed, used and maintained as set out in this Certificate;
- (b) is granted only to the company, firm or person identified on the front cover — no other company, firm or person may hold or claim any entitlement to this Certificate;
- (c) is valid only within the UK;
- (d) has to be read, considered and used as a whole document — it may be misleading and will be incomplete to be selective;
- (e) is copyright of the BBA;
- (f) is subject to English law.

14.2 References in this Certificate to any Act of Parliament, Regulation made thereunder, Directive or Regulation of the European Union, Statutory Instrument, Code of Practice, British Standard, manufacturers' instructions or similar publication, are references to such publication in the form in which it was current at the date of this Certificate.

14.3 This Certificate will remain valid for an unlimited period provided that the product and the manufacture and/or fabrication including all related and relevant processes thereof:

- (a) are maintained at or above the levels which have been assessed and found to be satisfactory by the BBA;

(b) continue to be checked as and when deemed appropriate by the BBA under arrangements that it will determine; and

(c) are reviewed by the BBA as and when it considers appropriate.

14.4 In granting this Certificate, the BBA is not responsible for:

- (a) the presence or absence of any patent, intellectual property or similar rights subsisting in the product or any other product;
- (b) the right of the Certificate holder to market, supply, install or maintain the product; and
- (c) the actual works in which the product is installed, used and maintained, including the nature, design, methods and workmanship of such works.

14.5 Any recommendations relating to the use or installation of this product which are contained or referred to in this Certificate are the minimum standards required to be met when the product is used. They do not purport in any way to restate the requirements of the Health & Safety at Work etc Act 1974, or of any other statutory, common law or other duty which may exist at the date of this Certificate or in the future; nor is conformity with such recommendations to be taken as satisfying the requirements of the 1974 Act or of any present or future statutory, common law or other duty of care. In granting this Certificate, the BBA does not accept responsibility to any person or body for any loss or damage, including personal injury, arising as a direct or indirect result of the installation and use of this product.



In the opinion of the British Board of Agrément, Corus Colorcoat Coil-Coated Steel Coil and Sheet is fit for its intended use provided it is installed, used and maintained as set out in this Certificate. Certificate No 91/2717 is accordingly awarded to Corus UK Limited.

On behalf of the British Board of Agrément

Date of Fifth issue: 21st December 2005

Chief Executive

**Original Certificate issued 12th November 1991. This amended version includes deletion of stainless steel substrate, reference to the revised national Building Regulations and new Conditions of Certification.*

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British Board of Agrément

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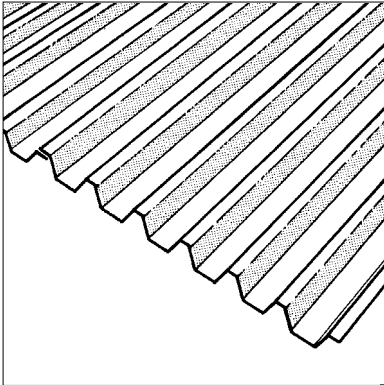


For technical or additional information,
contact the Certificate holder (see
front page).
For information about the Agrément
Certificate, including validity and
scope, tel: Hotline 01923 665400,
or check the BBA website.



CORUS COLORCOAT COIL-COATED STEEL COIL AND SHEET (BBA CERTIFICATE No 91/2717) IRISH BUILDING REGULATIONS STATEMENT

Second issue *



- THIS STATEMENT RELATES TO CORUS COLORCOAT COIL-COATED STEEL COIL AND SHEET AND SETS OUT THE OPINION OF THE BBA ON THE POSITION OF THE PRODUCT UNDER THE BUILDING REGULATIONS IN THE REPUBLIC OF IRELAND.
- It must be read in conjunction with the Front Sheets and relevant Detail Sheets of BBA Certificate No 91/2717.
- It will remain valid provided BBA Certificate No 91/2717 is valid.

The Building Regulations 1997–2006 (Ireland)

In the opinion of the BBA, Corus Colorcoat Coil-coated Steel Coil and Sheet, if used in accordance with the provisions of BBA Certificate No 91/2717, will satisfy or contribute to satisfying the relevant requirements.

Requirement:	B2(a)	Internal fire spread (linings)
Comment:		The products meet this Requirement. See the relevant tinted area (3.1 and 3.2) of the <i>Properties in relation to fire</i> section of the appropriate Detail Sheet to BBA Certificate No 91/2717.
Requirement:	B3(3)	Internal fire spread (structure)
Comment:		The roofspace and concealed cavities should be subdivided in accordance with this Requirement. See the relevant tinted area (3.1 to 3.3) of the <i>Properties in relation to fire</i> section of the appropriate Detail Sheet to BBA Certificate No 91/2717.
Requirement:	B4	External fire spread
Comment:		The products meet this Requirement. See the relevant tinted area (3.1 to 3.3) of the <i>Properties in relation to fire</i> section of the appropriate Detail Sheet to BBA Certificate No 91/2717.
Requirement:	C4	Resistance to weather and ground moisture
Comment:		The products, installed in accordance with this Certificate, meet this Requirement.
Requirement:	D1	Materials and workmanship
Comment:		The products are proper materials. See the tinted areas in the <i>Durability</i> section of the accompanying Detail Sheets to BBA Certificate No 91/2717.

On behalf of the British Board of Agrément

Date of Second issue: 10th August 2006

Chief Executive

*Original statement issued 19th November 2001. This amended version includes rewording of the Comment section.

Readers are advised to check the validity of the Certificate concerned by either referring to the BBA's website (www.bbacerts.co.uk) or contacting the BBA direct (Telephone Hotline 01923 665400).

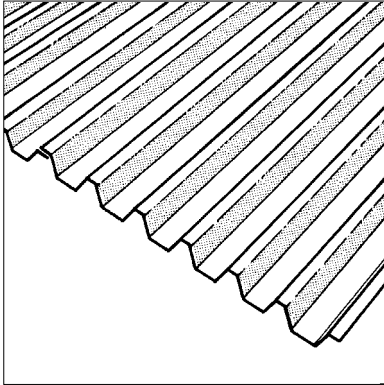


Corus UK Limited

Certificate No 91/2717

**COLORCOAT ARCHITECTURAL POLYESTER
COATED STEEL COIL AND SHEET**
DETAIL SHEET 1
*Third issue**

Product



• THIS DETAIL SHEET RELATES TO COLORCOAT ARCHITECTURAL POLYESTER COATED STEEL COIL AND SHEET, CONSISTING OF EITHER GALVANIZED STEEL OR GALVALLOY⁽¹⁾ COATED ON THE FACE SIDE⁽²⁾ WITH A PRIMER AND A POLYESTER PAINT TO A TOTAL COATING THICKNESS OF 25 μm .

• The product is available in a range of colours.

(1) Galvalloy is strip steel with a hot-dipped 95:5% zinc/aluminium alloy coating to BS EN 10214 : 1995, with a coating mass of 255 gm^{-2} .

(2) The reverse side is coated with a two-coat primer/polyester system, or the same finish as the face side.

This Detail Sheet must be read in conjunction with the Front Sheets, which give the product's position regarding the Building Regulations, general information relating to the product, and the Conditions of Certification, respectively.

Design Data

1 General

Colorcoat Architectural Polyester Coated Steel Coil and Sheet may be profiled by roll-forming or brake-pressing, and is suitable for external use as plain sheet or in profiled form in accordance with the documents listed in section 11 of the Front Sheets. The product is available in a range of standard colours (see Table 1 of this Detail Sheet).

2 Workability

2.1 The product may be worked by conventional techniques including brake-pressing, roll-forming, bending, drilling and punching. It is essential that the correct tools, in good condition, are used to prevent any damage to the coating, and that any swarf is removed.

2.2 The coating can withstand a 6T bend through 180° without damage.

3 Properties in relation to fire



3.1 The coated steel coil and sheet, when tested to BS 476-3 : 1958, has an EXT.S.AA rating.

3.2 When tested to BS 476-6 : 1989 the product has an index of performance (I) of 0.0, and when tested to BS 476-7 : 1971 it has a Class 1 surface. It therefore has a Class 0 surface as defined in the various national Building Regulations.

3.3 The reverse side specifications are also Class 0 surfaces.

4 Durability



4.1 The product is resistant to all normal atmospheric corrosive agencies (including marine and industrial) and will withstand considerable distortion of the metal without losing adhesion between the paint and coating and the substrate.

4.2 The Colorcoat architectural polyester coating and metal treatment will protect the steel substrate against corrosion for a period in excess of 15 years in normal industrial, urban, suburban and rural environments.

4.3 The coating retains a good appearance under non-corrosive conditions for the intervals stated in Table 1. Maintenance painting should be considered at these intervals or earlier if a high aesthetic standard is required. Corus Limited can recommend a suitable paint and maintenance system.

Table 1 Period to first maintenance

Colour	Closest RAL or BS ⁽¹⁾ reference	Period to first maintenance (years)
Bahama Blue	RAL 5015	5
Black	RAL 9005	5
Grey	—	5
Java	RAL 8024	5
Vermilion	BS 04 E55	5
Beige	—	10
Glen Green	RAL 6021	10
Gulf Blue	—	10
Kalahari	RAL 1011	10
Morocco	RAL 1002	10
Oyster	RAL 7035	10
Slate Blue	—	10
Slate Grey	RAL 7012	10
Tundra	RAL 3009	10
White	RAL 9010	10

(1) BS 4904 : 1978(1985).

4.4 If the building has an exposed eaves detail, and is in an aggressive environment, or if there are corrosive conditions inside it, the reverse side should have the same specification as the face side, or should be overpainted.

Bibliography

- BS 476 *Fire tests on building materials and structures*
 BS 476-3 : 1958 *External fire exposure roof test*
 BS 476-6 : 1989 *Method of test for fire propagation for products*
 BS 476-7 : 1971 *Surface spread of flame tests for materials*
 BS 4904 : 1978(1985) *Specification for external cladding colours for building purposes*



On behalf of the British Board of Agrément

Date of Third issue: 29th October 2001

Chief Executive

*Original Detail Sheet issued 12th November 1991. This amended version includes change of Certificate holder's name.



Corus UK Limited

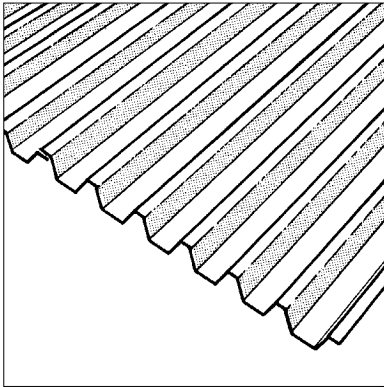
**COLORCOAT SILICONE POLYESTER
COATED STEEL COIL AND SHEET**

Certificate No 91/2717

DETAIL SHEET 2

Third issue*

Product



• THIS DETAIL SHEET RELATES TO COLORCOAT SILICONE POLYESTER COATED STEEL COIL AND SHEET, CONSISTING OF EITHER GALVANIZED STEEL OR GALVALLOY⁽¹⁾ COATED ON THE FACE SIDE⁽²⁾ WITH A PRIMER AND A SILICONE POLYESTER PAINT TO A TOTAL COATING THICKNESS OF 25 μm .

• The product is available in a range of colours.

(1) Galvalloy is strip steel with a hot-dipped 95:5% zinc/aluminium alloy coating to BS EN 10214 : 1995, with a coating mass of 255 $\text{g}\cdot\text{m}^{-2}$.

(2) The reverse side is coated with either a two-coat primer/polyester system, or the same finish as the face side.

This Detail Sheet must be read in conjunction with the Front Sheets, which give the product's position regarding the Building Regulations, general information relating to the product, and the Conditions of Certification, respectively.

Design Data

1 General

Colorcoat Silicone Polyester Coated Steel Coil and Sheet may be profiled by roll-forming or brake-pressing, and is suitable for external use as plain sheet or in profiled form in accordance with the documents listed in section 11 of the Front Sheets. The product is available in a range of standard colours (see Table 1).

2 Workability

2.1 The product may be worked by conventional techniques including brake-pressing, roll-forming, bending, drilling and punching. It is essential that the correct tools, in good condition, are used to prevent any damage to the coating, and that any swarf is removed.

2.2 The coating can withstand a 10T bend through 180° without damage.

3 Properties in relation to fire



3.1 The coated steel coil and sheet, when tested to BS 476-3 : 1958, has an EXT.S.AA rating.

3.2 When tested to BS 476-6 : 1968 the product has an index of performance (I) of 0.4 with a sub-index (i_1) of 0.2, and when tested to BS 476-7 : 1971 it has a Class 1 surface. It therefore has a Class 0 surface as defined in the various national Building Regulations.

3.3 The reverse side specifications are also Class 0 surfaces.

4 Durability



4.1 The product is resistant to all normal atmospheric corrosive agencies (including marine and industrial) and will withstand considerable distortion of the metal without losing adhesion between the paint and coating and the substrate.

4.2 The Colorcoat silicone polyester coating and metal treatment will protect the steel substrate against corrosion for a period in excess of 15 years in normal industrial, urban, suburban and rural environments.

4.3 The coating retains a good appearance under non-corrosive conditions for the intervals stated in Table 1. Maintenance painting should be considered at these intervals or earlier if a high aesthetic standard is required. Corus Limited can recommend a suitable paint and maintenance system.

Table 1 Period to first maintenance

Colour	Closest RAL or BS ⁽¹⁾ reference	Period to first maintenance (years)
Bahama Blue	RAL 5015	5
Black	RAL 9005	5
Grey	—	5
Java	RAL 8024	5
Vermilion	BS 04 E55	5
Beige	—	10
Glen Green	RAL 6021	10
Gulf Blue	—	10
Kalahari	RAL 1011	10
Morocco	RAL 1002	10
Oyster	RAL 7035	10
Slate Blue	—	10
Slate Grey	RAL 7012	10
Tundra	RAL 3009	10
White	RAL 9010	10

(1) BS 4904 : 1978(1985).

4.4 If the building has an exposed eaves detail and is in an aggressive environment, or if there are corrosive conditions inside it, the reverse side should have the same specification as the face side, or should be overpainted.

Bibliography

BS 476 Fire tests on building materials and structures

BS 476-3 : 1958 External fire exposure roof test

BS 476-6 : 1968 Method of test for fire propagation for products (amended by AMD 549)

BS 476-7 : 1971 Surface spread of flame tests for materials

BS 4904 : 1978(1985) Specification for external cladding colours for building purposes



On behalf of the British Board of Agrément

A handwritten signature in black ink, appearing to read 'P. C. Newson'.

Date of Third issue: 29th October 2001

Chief Executive

*Original Detail Sheet issued 12th November 1991. This amended version includes change of Certificate holder's name.



Corus UK Limited

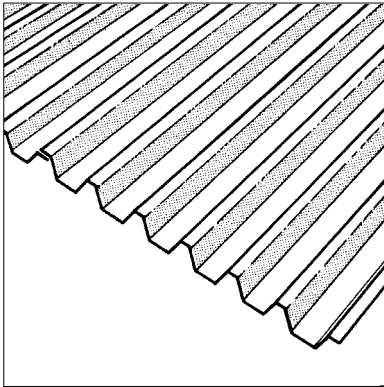
COLORCOAT HP200 COATED STEEL COIL AND SHEET

Certificate No 91/2717

DETAIL SHEET 3

Third issue*

Product



• THIS DETAIL SHEET REPLACES CERTIFICATE No 87/1866 AND RELATES TO COLORCOAT HP200 COATED STEEL COIL AND SHEET, CONSISTING OF GALVANIZED STEEL COATED ON THE FACE SIDE⁽¹⁾ WITH A PRIMER AND HP200 PLASTISOL TO A TOTAL COATING THICKNESS OF 200 μm .

• The product is available in a range of colours.

(1) The reverse side is coated with a two-coat primer/polyester system, a 100 μm plastisol finish, or the same finish as the face side.

This Detail Sheet must be read in conjunction with the Front Sheets, which give the product's position regarding the Building Regulations, general information relating to the product, and the Conditions of Certification, respectively.

Design Data

1 General

Colorcoat HP200 Coated Steel Coil and Sheet may be profiled by roll-forming or brake-pressing, and is suitable for external use as plain sheet or in profiled form in accordance with the documents listed in section 11 of the Front Sheets. The product is available in a range of standard colours (see Table 1).

2 Workability

2.1 The product may be worked by conventional techniques including brake-pressing, roll-forming, bending, drilling and punching. It is essential that the correct tools, in good condition, are used to prevent any damage to the coating, and that any swarf is removed.

2.2 The coating can withstand an OT bend through 180° without damage at 16°C and above.

3 Properties in relation to fire

3.1 The coated steel coil and sheet has been given a notional designation of AA to BS 476-3 : 1958 by Appendix A, Table A5 of Approved Document B to the Building Regulations 2000 (England and Wales) and by Technical Booklet E, Table 4.6 of the Building Regulations (Northern Ireland) 2000 and may be used as a roof covering within six metres of any boundary.

Table 1 Colour range

Colour	Group colour code	Colour	Group colour code
Albatross	A	Heritage Green	B
Bamboo	A	Jade	B
Black	A	Olive Green	B
Goosewing Grey	A	Poppy Red	B
Hamlet	A	Saffron	B
Honesty	A	Tangerine Orange	B
Meadowland	A	Wedgwood Blue	B
Merlin Grey	A	Britannia	C
Moorland Green	A	Solent Blue	C
Mushroom	A	Ocean Blue	D
Svelte Grey	A	Petra	D
White	A	Terracotta	D
Aztec Yellow	B	Vandyke Brown	D
Golden Glow	B		

Table 2 Period-to-repaint decision (years)


Group colour code ⁽¹⁾	Inland					Coastal ⁽²⁾				
	Walls facing		Roofs facing			All walls		Roofs facing		
	S ⁽³⁾	Other	Pitch >10°	Pitch 1-10°	Any	S	Other	Any	Pitch >10°	Pitch 1-10°
A	28	30	21	26	23	23	18	21	19	
B	23	27	17	21	18	18	14	17	15	
C	19	23	14	18	15	15	11	14	12	
D	17	21	12	16	13	13	10	12	10	

(1) See Table 1.

(2) Figures for coastal are for buildings within 1 km of any coast.


(3) S indicates any orientation with a southerly element.

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 3.2 When tested to BS 476-6 : 1968 the product has an index of performance (I) of 3.8 with sub-index (i_1) of 3.2 and when tested to BS 476-7 : 1971 it has a Class 1 surface. Therefore it has a Class 0 surface as defined in the various national Building Regulations.

3.3 The reverse side specifications are also Class 0 surfaces.

4 Durability

 4.1 The product is resistant to all normal atmospheric corrosive agencies (including marine and industrial) and will withstand considerable distortion of the metal without losing adhesion between the paint and coating and the substrate.

4.2 Colorcoat HP200 coating and metal treatment will protect the steel substrate against corrosion for a period in excess of 25 years in normal industrial, urban, suburban and rural environments.

4.3 The performance of the coating will depend on its environment, location, aspect faced and use

(ie roofing or cladding). The product will retain a good appearance (defined as no more than 5% of the paint surface to be affected by flaking) for the intervals shown in Table 2. Maintenance painting should be considered at these intervals or earlier if a high aesthetic standard is required. Corus Limited can recommend a suitable paint and maintenance system.

4.4 If the building has an exposed eaves detail, and is in an aggressive environment, or if there are corrosive conditions inside it, the reverse side should be coated with 100 μ m plastisol or have the same specification as the face side, or should be overpainted.

Bibliography

BS 476 *Fire tests on building materials and structures*

BS 476-3 : 1958 *External fire exposure roof tests*

BS 476-6 : 1968 *Method of test for fire propagation for products*

BS 476-7 : 1971 *Surface spread of flame tests for materials*



On behalf of the British Board of Agrément

Date of Third issue: 29th October 2001

Chief Executive

**Original Detail Sheet issued 15th March 1993. This amended version includes change of Certificate holder's name and references to the revised Building Regulations.*



Corus UK Limited

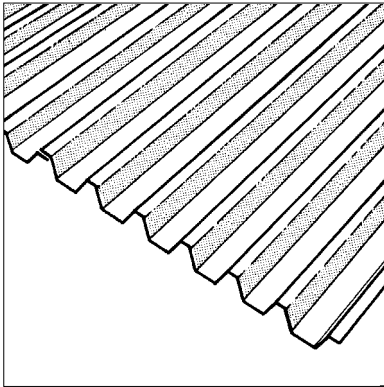
**COLORCOAT PVDF COATED
STEEL COIL AND SHEET**

Certificate No 91/2717

DETAIL SHEET 4

Fourth issue*

Product



• THIS DETAIL SHEET REPLACES CERTIFICATE No 87/1865 AND RELATES TO COLORCOAT PVDF COATED STEEL COIL AND SHEET, CONSISTING OF GALVANIZED STEEL COATED ON THE FACE SIDE⁽¹⁾ WITH A PRIMER AND A POLYVINYLIDENE FLUORIDE/ACRYLIC (70-80/30-20) COATING TO A TOTAL COATING THICKNESS OF 27 µm.

• The product is available in a range of colours.

This Detail Sheet must be read in conjunction with the Front Sheets, which give the product's position regarding the Building Regulations, general information relating to the product, and the Conditions of Certification, respectively.

(1) The reverse side is coated with a 15 µm polyester system, or a 22 µm exterior grade polyester finish, or the same finish as the face side.

Design Data

1 General

Colorcoat PVDF Coated Steel Coil and Sheet may be profiled by roll-forming or brake-pressing, and is suitable for external use as plain sheet or in profiled form in accordance with the documents listed in section 11 of the Front Sheets. The product is available in a range of standard colours (see Table 1).

Table 1 Colour range

Colour	Nearest RAL/BS ⁽¹⁾ reference	Colour	Nearest RAL/BS ⁽¹⁾ reference
Alaska Grey	RAL 7000	Metallic Silver	RAL 9006
Anthracite Grey	RAL 7016	Morocco	RAL 1002
Bahama Blue	RAL 5015	Mountain Blue	RAL 5014
Black	RAL 9005	Oyster	RAL 7035
Glen	EAL 6021	Pinewood Green	BS 14 C 39
Grey Aluminium	RAL 9007	Slate Grey	RAL 7012
Java	RAL 8024	Tundra	RAL 3009
Kalahari	RAL 1011	Vermilion	BS 04 E 55
Light Ivory	RAL 1015	White	RAL 9010

(1) BS 4904 : 1978.

2 Workability

2.1 The product may be worked by conventional techniques including brake-pressing, roll-forming, bending, drilling and punching. It is essential that the correct tools, in good condition, are used to prevent any damage to the coating, and that any swarf is removed.

2.2 The coating can withstand a 2T bend through 180° without damage.

3 Properties in relation to fire



3.1 The coated steel coil and sheet, when tested to BS 476-3 : 1958, has an EXT.S.AA rating.

3.2 When tested to BS 476-6 : 1968 a sample of the product had an index of performance (I) of 1.2 with a sub-index (i₁) of 0.6 and when tested to BS 476-7 : 1971 it had a Class 1 surface. Therefore it had a Class 0/'low risk' surface as defined in the various national Building Regulations.

3.3 The reverse side specifications are also Class 0/'low risk' surfaces.

4 Durability



4.1 The product is resistant to all normal atmospheric corrosive agencies (including marine and industrial) and will withstand considerable distortion of the metal without losing adhesion between the paint and coating and the substrate.

4.2 Particular care should be taken during design to minimise the exposure of cut edges of the installed sheets. This could include the use of welded seams, secret fix systems, continuous ridge to eaves installation, without lap joints or installation of a curved roof.

4.3 Annual maintenance inspections should be carried out to ensure that rainware is present and in good order and that fixings are present and secure.

4.4 The coating and metal treatment will protect the steel substrate against corrosion for a period in

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excess of 20 years in normal industrial, urban, suburban and rural environments.

4.5 The coating will maintain a good appearance for at least 15 years in inland locations, or for 10 years in marine/coastal environments. Maintenance painting should be considered at these intervals or earlier if a high aesthetic standard is required. The Certificate holder can recommend a suitable paint and maintenance system.

4.6 If the building has an exposed eaves detail, and is in an aggressive environment, or if there are corrosive conditions inside it, the reverse side should be coated with a 22 µm exterior grade polyester or have the same specification as the face side, or should be overpainted.

Bibliography

BS 476-3 : 1958 *Fire tests on building materials and structures — External fire exposure roof test*
BS 476-6 : 1968 *Fire tests on building materials and structures — Method of test for fire propagation for products*

BS 476-7 : 1971 *Fire tests on building materials and structures — Surface spread of flame tests for materials*

BS 4904 : 1978 *Specification for external cladding colours for building purposes*



On behalf of the British Board of Agrément

A handwritten signature in black ink, appearing to read 'G. A. Cooper'.

Date of Fourth issue: 21st December 2005

Chief Executive

**Original Detail Sheet issued 15th March 1993. This amended version includes references to a change of product name and a revised colour range.*

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For technical or additional information, contact the Certificate holder (see front page).

For information about the Agrément Certificate, including validity and scope, tel: Hotline 01923 665400, or check the BBA website.



Corus UK Limited

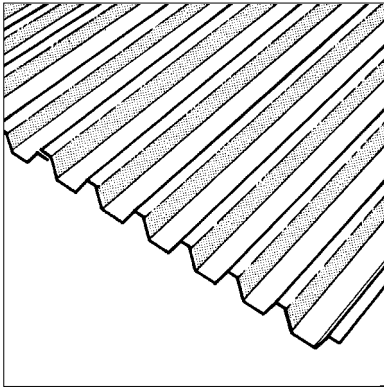
Certificate No 91/2717

DETAIL SHEET 5

Second issue*

COLORCOAT HYCLAD

Product



• THIS DETAIL SHEET RELATES TO COLORCOAT HYCLAD, AUSTENITIC STAINLESS STEEL COIL AND SHEET, X5CrNi 18-10, NUMBER 1.4301 TO BS EN 10088-1 : 1995 COATED ON THE FACE SIDE⁽¹⁾ WITH A PRIMER AND A POLYVINYLIDENE FLUORIDE/ACRYLIC (70-80/30-20) COATING TO A TOTAL COATING THICKNESS OF 27 μm .

• The product is available in a range of colours.

(1) The reverse side is coated with a two-coat primer/polyester system, or the same finish as the face side.

This Detail Sheet must be read in conjunction with the Front Sheets, which give the product's position regarding the Building Regulations, general information relating to the product, and the Conditions of Certification, respectively.

Design Data

1 General

Colorcoat Hyclad may be profiled by roll-forming or brake-pressing, and is suitable for external use as plain sheet or in profiled form in accordance with the documents listed in section 11 of the Front Sheets. The product is available in the following range of standard colours:

Burgundy
Cotswold
Ivory
Marlin
Mink
Moss
Peat
Raven
Seagull
Slate.

2 Workability

2.1 The product may be worked by conventional techniques including brake-pressing, roll-forming, bending, drilling and punching. It is essential that the correct tools, in good condition, are used to prevent any damage to the coating, and that any swarf is removed.

2.2 The coating can withstand a 4T bend through 180° without damage.

3 Properties in relation to fire



3.1 The coated steel coil and sheet, when tested to BS 476-3 : 1958, has an EXT.S.AA rating.

3.2 When tested to BS 476-6 : 1989 the product has an index of performance (I) of 0.5 with a sub-index (i_1) of 0.2 and when tested to BS 476-7 : 1987 it has a Class 1 surface. Therefore it has a Class 0 surface as defined in the various national Building Regulations.

3.3 The reverse side specifications are also Class 0 surfaces.

4 Durability



4.1 The product is resistant to all normal atmospheric corrosive agencies (including marine and industrial) and will withstand considerable distortion of the metal without losing adhesion between the paint and coating and the substrate.

4.2 Colorcoat Hyclad will perform effectively as a cladding or roofing with an ultimate life of at least 60 years.

4.3 The coating will maintain a good appearance for at least 30 years in inland locations, or for 25 years in marine/coastal environments. Maintenance painting should be considered at these intervals or earlier if a high aesthetic standard is required. Corus Limited can recommend a suitable paint and maintenance system.

Bibliography

- BS 476 *Fire tests on building materials and structures*
BS 476-3 : 1958 *External fire exposure roof tests*
BS 476-6 : 1989 *Method of test for fire propagation for products*
BS 476-7 : 1987(1993) *Method for classification of the surface spread of flame of products*
- BS EN 10088 *Stainless steels*
BS EN 10088-1 : 1995 *Stainless steels — List of stainless steels*



On behalf of the British Board of Agrément

Date of Second issue: 29th October 2001

Chief Executive

**Original Detail Sheet issued 19th October 1995. This amended version includes change of Certificate holder's name and references to revised British Standards.*



Corus UK Limited

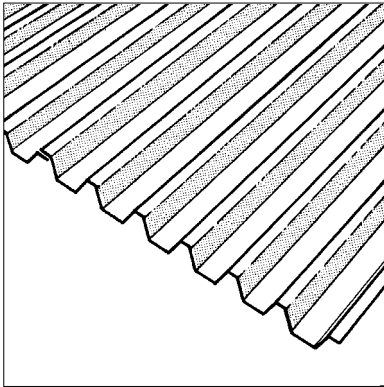
**COLORCOAT CELESTIA METALLIC-FINISH
ORGANIC COATED STEEL COIL AND SHEET**

Certificate No 91/2717

DETAIL SHEET 6

Second issue*

Product



• THIS DETAIL SHEET RELATES TO COLORCOAT CELESTIA METALLIC-FINISH ORGANIC COATED STEEL COIL AND SHEET, CONSISTING OF GALVANIZED STEEL TO EITHER BS EN 10142 : 2000 OR BS EN 10147 : 2000 COATED ON THE FACE SIDE⁽¹⁾ WITH A PRIMER AND CELESTIA PLASTISOL TO A TOTAL COATING THICKNESS OF 120 µm.

• The product has a metallic appearance and is available in a range of colours.

(1) The reverse side is coated with a two-coat primer/polyester system, a 50 µm organosol or a 100 µm plastisol finish.

This Detail Sheet must be read in conjunction with the Front Sheets, which give the product's position regarding the Building Regulations, general information relating to the product, and the Conditions of Certification, respectively.

Design Data

1 General

Colorcoat Celestia Metallic-Finish Organic Coated Steel Coil and Sheet may be profiled by roll-forming or brake-pressing, and is suitable for external use as plain sheet or in profiled form in accordance with the documents listed in section 1.1 of the Front Sheets. The product is available in a range of standard colours, details of which are available from Corus Limited.

2 Workability

2.1 The product may be worked by conventional techniques including brake-pressing, roll-forming, bending, drilling and punching. It is essential that the correct tools, in good condition, are used to prevent any damage to the coating, and that any swarf is removed.

2.2 The coating can withstand a 2T bend through 180° without damage at 16°C and above.

3 Properties in relation to fire



3.1 The coated steel coil and sheet has been given a notional designation of AA to BS 476-3 : 1958 by Appendix A, Table A5 of Approved Document B to the Building Regulations 2000 (England and Wales) and by Technical Booklet E, Table 4.6 of the Building

Regulations (Northern Ireland) 2000 and may be used as a roof covering within six metres of any boundary.

3.2 When tested to BS 476-6 : 1989 the product has an index of performance (I) of 6.4 with sub-index (i_1) of 4.8 and when tested to BS 476-7 : 1997 it has a Class 1 surface. Therefore it has a Class 0 surface as defined in the various national Building Regulations.

3.3 The reverse side specifications are also Class 0 surfaces.

4 Durability



4.1 The product is resistant to all normal atmospheric corrosive agencies and will withstand considerable distortion of the metal without losing adhesion between the paint and coating and the substrate.

4.2 The Colorcoat Celestia coating and metal treatment will protect the steel substrate against corrosion for a period in excess of 20 years in normal industrial, urban, suburban and rural environments.

4.3 The performance of the coating will depend on its environment, location, aspect faced and use (ie roofing or cladding). The product will retain a good appearance (defined as no more than 5% of the paint surface to be affected by flaking) for the intervals shown in Table 1. Maintenance painting

should be considered at these intervals or earlier if a high aesthetic standard is required. Corus Limited can recommend a suitable paint and maintenance system.

Table 1 Period to repaint decision (years)

Walls facing		Inland			Coastal			
		Roofs facing			All walls	Roofs facing		
		P>10°	P=1-10°			P>10°	P=1-10°	
S	Other	S	Other	Any	S	Other	Any	
17	21	12	14	12	15	10	11	10

4.4 If the building has an exposed eaves detail, and is in an aggressive environment, or if there are corrosive conditions inside it, the reverse side should be coated with 100 µm plastisol, 50 µm organosol or should be overpainted.

Bibliography

BS 476 Fire tests on building materials and structures

BS 476-3 : 1958 External fire exposure roof tests

BS 476-6 : 1989 Method of test for fire propagation for products

BS 476-7 : 1997 Method of test to determine the classification of the surface spread of flame of products.

BS EN 10142 : 2000 Continuously hot-dip zinc coated steel strip and sheet for cold forming. Technical delivery conditions

BS EN 10147 : 2000 Continuously hot-dip zinc coated structural steel strip and sheet. Technical delivery conditions



On behalf of the British Board of Agrément

Chief Executive

Date of Second issue: 29th October 2001

*Original Detail Sheet issued on 6th November 1997. This amended version includes change of Certificate holder's name, references to the revised Building Regulations and British Standards.



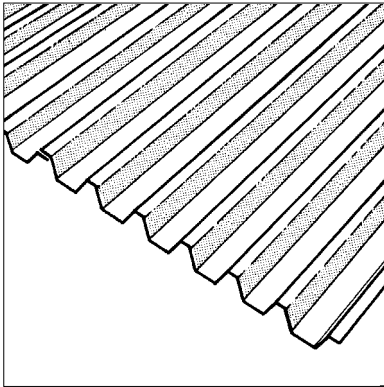
Corus UK Limited

Certificate No 91/2717

**COLORCOAT HPS200 COATED
STEEL COIL AND SHEET**

DETAIL SHEET 7
Third issue*

Product



• THIS DETAIL SHEET RELATES TO COLORCOAT HPS200 COATED STEEL COIL AND SHEET, CONSISTING OF GALVALLOY⁽¹⁾ COATED ON THE FACE SIDE⁽²⁾ WITH A PRIMER AND HPS200 PLASTISOL TO A TOTAL COATING THICKNESS OF 200 μm .

• The product features a micro-textured finish and is available in a range of colours.

(1) Galvalloy is strip steel with a hot-dipped 95:5% zinc/aluminium alloy coating, with a coating mass of 265 $\text{gm}^{-2(\dagger)}$, manufactured to BS EN 10326 : 2004 or BS EN 10327 : 2004.

(†) The coating weight is not one of the standard grades given in these Standards.

(2) The reverse side is coated with a 15 μm polyester system, a 100 μm plastisol finish, or the same finish as the face side.

This Detail Sheet must be read in conjunction with the Front Sheets, which give the product's position regarding the Building Regulations, general information relating to the product, and the Conditions of Certification, respectively.

Design Data

1 General

Colorcoat HPS200 Coated Steel Coil and Sheet may be profiled by roll-forming or brake-pressing, and is suitable for external use as plain sheet or in profiled form in accordance with the documents listed in section 11 of the Front Sheets. The product is available in a range of standard colours (see Table 1). Additional colours can be produced using the Certificate holder's Repertoire colour matching service, but the performance of these colours is outside the scope of this Certificate.

2 Workability

2.1 The product may be worked by conventional techniques including brake-pressing, roll-forming, bending, drilling and punching. It is essential that the correct tools, in good condition, are used to prevent any damage to the coating, and that any swarf is removed.

2.2 The coating can withstand an OT bend through 180° without damage at 16°C and above.

3 Properties in relation to fire

3.1 When tested to BS 476-6 : 1989 a Goosewing Grey sample of the product had an index of performance (I) of 2.8 and a sub-index (i_1) of 1.1. When tested to BS 476-7 : 1997, a similar sample achieved a Class 1 result. The product, therefore, has a Class 0/'low risk' surface as defined in the various national Building Regulations.

Table 1 Colour range

Colour	Compass durability code ⁽¹⁾	Nearest BS or RAL finish
Albatross	CD1	18 B 17
Aztec Yellow	CD2	10 E 55
Bamboo	CD1	08 C 35
Black	CD1	00 E 53
Burano	CD2	RAL 3004
Goosewing Grey	CD1	10 A 05
Hamlet	CD1	RAL 9002
Heritage Green	CD2	RAL 6002
Honesty	CD1	10 C 31
Jade	CD2	14 C 37
Meadowland	CD1	12 B 17
Merlin Grey	CD1	18 B 25
Moorland Green	CD1	12 B 21
Mushroom	CD1	10 B 19
Ocean Blue	CD2	18 C 39
Olive Green	CD1	12 B 27
Orion	CD2	—
Petra	CD2	04 D 44
Poppy Red	CD2	04 E 53
Saffron	CD2	08 E 53
Sargasso	CD2	RAL 5003
Sirius	CD2	—
Solent Blue	CD2	18 E 53
Svelte Grey	CD1	10 B 23
Tangerine Orange	CD2	06 E 53
Terracotta	CD2	04 C 39
Vandyke Brown	CD2	08 B 29
Wedgwood Blue	CD1	18 C 37
White	CD1	00 E 55

(1) See Table 2.

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3.2 The coated steel coil and sheet has been given a notional designation of AA to BS 476-3 : 1958 by Appendix A, Table A5 of Approved Document B to The Building Regulations 2000 (as amended) (England and Wales) and by Technical Booklet E, Table 4.6 of The Building Regulations (Northern Ireland) 2000 and may be used as a roof covering within six metres of any boundary.

3.3 The reverse side specifications are also Class O/'low risk' surfaces.

4 Durability



4.1 The product is resistant to all normal atmospheric corrosive agencies (including marine and industrial) and will withstand considerable distortion of the metal without losing adhesion between the paint and coating and the substrate.

4.2 Particular care should be taken during design to minimise the exposure of cut edges of the installed sheets. This could include the use of welded seams, secret-fix systems, continuous ridge to eaves installation, without lap joints, or installation of a curved roof.

4.3 Annual maintenance inspections should be carried out to ensure that rainware is present and in good order, that flashings are secure and that fixings are present and secure.

4.4 Colorcoat HPS200 coating and metal treatment will protect the steel substrate against corrosion for a period in excess of 40 years in normal industrial, urban, suburban and rural environments.

4.5 The performance of the coating will depend on its environment, location and use (ie roofing or cladding). The product will retain a good

appearance (defined as no more than 5% of the paint surface to be affected by flaking) for the intervals shown in Table 2. Maintenance painting should be carried out at these intervals or earlier if a high aesthetic standard is required. The Certificate holder can recommend a suitable paint and maintenance system.

Table 2 Period-to-repaint decision (years)

Compass durability code ⁽¹⁾	Inland		Coastal ⁽²⁾	
	Walls	Roofs	Walls	Roofs
CD1	30	30	25	25
CD2	25	20	20	15

(1) See Table 1.

(2) Figures for coastal are for buildings within 1 km of any coast.

Bibliography

BS 476-3 : 1958 *Fire tests on building materials and structures — External fire exposure roof test*

BS 476-6 : 1989 *Fire tests on building materials and structures — Method of test for fire propagation for products*

BS 476-7 : 1997 *Fire tests on building materials and structures — Method of test to determine the classification of the surface spread of flame of products*

BS EN 10326 : 2004 *Continuously hot-dip coated strip and sheet of structural steels — Technical delivery conditions*

BS EN 10327 : 2004 *Continuously hot-dip coated strip and sheet of low carbon steels for cold forming — Technical delivery conditions*



On behalf of the British Board of Agrément

Date of Third issue: 21st December 2005

Chief Executive

*Original Detail Sheet issued on 29th October 1998. This amended version includes a revised colour range and both a new Durability and Properties in relation to fire section.

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For information about the Agrément Certificate, including validity and scope, tel: Hotline 01923 665400, or check the BBA website.