



Kalon Decorative Products

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**Agrément
Certificate
No 97/3339**
Second issue*

Designated by Government
to issue
European Technical
Approvals

JOHNSTONE'S JONTEX HIGH BUILD TEXTURED MASONRY FINISH

Enduit de parement plastique
Kunststoffberappen


Product



- THIS CERTIFICATE REPLACES CERTIFICATE No 95/3147 AND RELATES TO JOHNSTONE'S JONTEX HIGH BUILD TEXTURED MASONRY FINISH, A PLASTIC RENDERING APPLIED BY TROWEL, ROLLER OR SPRAY AND PATTERNED USING A ROLLER, COMB OR SPATULA.
- The product is suitable for external use and can be applied to the substrates listed in section 7.1.

Regulations

1 The Building Regulations 2000 (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 plastic renderings with the Building Regulations. In the opinion of the BBA, Johnstone's Jontex High Build Textured Masonry Finish, if used in accordance with the provisions of this Certificate, will meet the relevant requirements.

Requirement: **B4(1)**

Comment:

External fire spread

The product applied to non-combustible substrates has a Class 2 surface and its use on these substrates is restricted by this Requirement. See section 9.1 of this Certificate.

Requirement: **Regulation 7**

Comment:

Materials and workmanship

The product is an acceptable material. See section 11.1 of this Certificate.

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2 The Building Standards (Scotland) Regulations 1990 (as amended)



In the opinion of the BBA, Johnstone's Jontex High Build Textured Masonry Finish, if used in accordance with the provisions of this Certificate, will satisfy or contribute to satisfying the various Regulations and related Technical Standards as listed below.

Regulation:	10	Fitness of materials and workmanship
Standard:	B2.1	Selection and use of materials, fittings, and components, and workmanship
Comment:		The product is an acceptable material. See section 11.1 of this Certificate.
Regulation:	12	Structural fire precautions
Standard:	D10.1	Fire spread on the external wall — Principles
Comment:		The product applied to a non-combustible substrate has a high risk surface as defined in Table 3 to (D1.3) of the Technical Standards and its use on these substrates is restricted by this Regulation and Standard. See section 9.1 of this Certificate.

3 The Building Regulations (Northern Ireland) 2000



In the opinion of the BBA, Johnstone's Jontex High Build Textured Masonry Finish, if used in accordance with the provisions of this Certificate, will satisfy the various Building Regulations as listed below.

Regulation:	B2	Fitness of materials and workmanship
Comment:		The product is an acceptable material. See section 11.1 of this Certificate.
Regulation:	E5	External fire spread
Comment:		The product applied to non-combustible substrates has a Class 2 surface as defined in Technical Booklet E : 1994 : Section 2.4 and its use on these substrates is restricted under this Regulation. See section 9.1 of this Certificate.

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 sections: *5 Description (5.5) and 6 Delivery and site handling.*

Technical Specification

5 Description

5.1 Johnstone's Jontex High Build Textured Masonry Finish is a plastic rendering suitable for external use on the substrates defined in section 7.1 of this Certificate. It is available in a range of colours, details of which are available from the Certificate holder.

5.2 The product is based on a resin emulsion and contains pigments, extenders, biocides and other additives.

5.3 The product is manufactured by a batch-blending process. Quality control is exercised on the basic raw materials, during the production process, and on the final product.

5.4 Johnstone's Acrylic Primer with an open polyester membrane is used to prepare exterior plywood, and fibre-reinforced cement or calcium silicate boards.

5.5 Johnstone's Performance Coatings Sterilisation Wash is used to prepare weathered surfaces

showing signs of organic growth. This product has been approved under the Control of Pesticides Regulations 1986 for its intended use (HSE No 7359).

5.6 Johnstone's Quick Drying High Build Zinc Phosphate Primer is used to spot prime ferrous fixings.

5.7 Johnstone's Stormshield Stabilising Solution is used to treat porous or chalking masonry surfaces.

6 Delivery and site handling

6.1 The product is supplied in 15 kg containers bearing the marketing company's name, date code, and the BBA identification mark incorporating the number of this Certificate.

6.2 The product has a shelf-life of two years. Degradation of the material does not occur but there may be some separation. Partly-used containers can be re-stored provided the polythene cover and lid are replaced.

6.3 The product should be protected from frost when in transit and when stored on site.

7 General

7.1 Johnstone's Jontex High Build Textured Masonry Finish is satisfactory for application by trowel, roller or air assisted spray to external walls and soffits of the following materials:

- (a) in-situ or precast concrete (dense and lightweight)
- (b) concrete blockwork (dense and lightweight)
- (c) brickwork (stock, facing and calcium silicate bricks)⁽¹⁾
- (d) renderings (sand/cement and sand/lime/cement)
- (e) calcium silicate or fibre-reinforced cement sheets or insulation boards
- (f) plywood
- (g) suitably sound previously painted surfaces
- (h) surfaces (d) to (e) treated with Johnstone's Stormshield Stabilising Solution
- (i) surfaces (a) to (f) treated with Johnstone's Acrylic Primer.

(1) In new construction, the brick manufacturer's recommendations for overcoating should be followed.

7.2 Following application, the coating can be textured or stippled using a roller, comb or spatula.

7.3 The assessment on external walls covers the face of the wall above dpc level, and excludes horizontal surfaces such as ledges, sills and copings. Parapet walls must have effective dpc's in the correct positions.

7.4 The effect of pretreatments or an existing coating on the surfaces' fire properties are defined in section 9.

8 Permeability

8.1 When tested by dynamic sweep gas to BS 7406 : 1991 (1996) (ISO 9932 : 1990) a sample of Johnstone's Jontex High Build Textured Masonry Finish, on fibre-reinforced cement, gave a water vapour resistance of 11.7 MNsg⁻¹.

8.2 When tested to the same method a sample of Johnstone's Jontex High Build Textured Masonry Finish applied over Johnstone's Acrylic Primer and the open polyester membrane gave a water vapour resistance of 24.5 MNsg⁻¹.

8.3 The coating has a good resistance to water penetration and considerably reduces the amount of water that can be absorbed by the substrate during rain.

9 Properties in relation to fire



9.1 Applied without pretreatment to the non-combustible substrates listed in section 7.1 (a) to (e) the product has a Class 2 or high risk surface.

9.2 This performance may not be achieved if the product is applied over plywood, Johnstone's Acrylic Primer, or over a previous paint coating.

10 Maintenance

10.1 The coating will withstand frequent washing without deterioration. A soft bristle brush should be used.

10.2 For re-coating, normally it is not necessary to remove the existing coating completely. The surface should be prepared by washing or brushing, and may be re-coated with the product or a suitable masonry paint. Redecoration with oil, gloss or cement paints is not possible.

11 Durability



11.1 In normal conditions, Johnstone's Jontex High Build Textured Masonry Finish, properly applied to the substrates listed in section 7, will have good colour stability and will perform satisfactorily for more than 10 years.

11.2 In industrial atmospheres the coating may become dirty and, to maintain its appearance, it may be necessary to clean or re-coat more frequently.

11.3 There will be a gradual change in colour which will not be excessive, but the coating will be discoloured by water runs and care must be taken to ensure that the normal architectural details for shedding water are present and functioning.

Installation

12 General

Application should be carried out generally in accordance with the relevant clauses of BS 6150 : 1991 and BS 8000-12 : 1989.

13 Preparation

13.1 The substrates listed in section 7.1 should be sound, free from dirt and grease, and reasonably dry. Joints in new brickwork and blockwork should be finished flush. Mortar joints in existing work should be repointed if necessary, and allowed to cure.

13.2 The product can bridge hairline cracks in the substrate but larger cracks should be filled and patched in accordance with the Certificate holder's instructions.

13.3 Any organic growth should be removed mechanically from old surfaces, and Johnstone's

Performance Coatings Sterilisation Wash applied, left overnight, rinsed with clean water and allowed to dry. Any remaining loose material should be removed using a stiff brush.

13.4 If the substrate is chalking, absorbent, friable, or has been decorated previously, any loose material should be removed with a stiff brush. A priming coat of Johnstone's Stormshield Stabilising Solution should be applied if necessary and allowed to dry overnight before the coating is applied.

13.5 Johnstone's Acrylic Primer is used to prepare external plywood and weathered calcium silicate or cement-based boards. It is applied in accordance with the Certificate holder's instructions and the open polyester membrane is embedded and smoothed out using a brush or roller while the primer is wet. This is allowed to dry for 24 hours and a second coat is applied and allowed to dry overnight.

14 Application

14.1 The product should be stirred before use and applied by trowel, roller or air assisted spray. The Certificate holder can advise on suitable types of spray equipment.

14.2 A patterned finish can be achieved by using Johnstone's High Build roller or by using a roller, comb or spatula in a separate operation before the coating has dried.

14.3 The product should not be applied in wet weather, at temperatures below 5°C, or when frost is expected. Freshly-coated work should be protected from rain.

14.4 The coverage achieved will depend on the texture and suction of the substrate; normally it will be approximately between 5 m² and 7.5 m² for each 15 kg container.

14.5 To avoid patchiness due to drying edges, work should be carried to an internal or external angle or to a feature. Alternatively, joints may be made to coincide with downpipes, etc. On large, unbroken areas, sufficient operatives should be available to maintain a flowing edge.

14.6 The drying time varies, depending on the substrate and atmospheric conditions. The coating will normally be surface dry in 4 to 8 hours and thoroughly dry in 48 to 72 hours.

Technical Investigations

The following is a summary of the technical investigations carried out on Johnstone's Jontex High Build Textured Masonry Finish.

15 Tests

15.1 Samples on various primed and unprimed substrates were tested in accordance with MOAT No 24 : 1983 to determine:

water vapour permeability
resistance to artificial weathering
resistance to impact
resistance to water immersion
resistance to alkali immersion
resistance to wind-driven rain
resistance to freeze/thaw cycling
gap-bridging ability
peel-off strength.

15.2 An examination was made of existing data relating to:

resistance to algal growth
surface spread of flame.

16 Other investigations

A re-examination was made of existing data relating to the previous assessment of associated products.

Additional Information

The management systems of Kalon Decorative Products have been assessed and registered as meeting the requirements of BS EN ISO 9001 : 1994 by the British Standards Institution Quality Assurance (Certificate No FM01265).

Bibliography

BS 6150 : 1991 *Code of practice for painting of buildings*

BS 7406 : 1991(1996) *Methods for determination of water vapour transmission rate of sheet materials (paper and board) by dynamic sweep and static gas methods*

BS 8000-12 : 1989 *Workmanship on building sites — Code of practice for decorative wallcoverings and painting*

BS EN ISO 9001 : 1994 *Quality systems — Model for quality assurance in design, development, production, installation and servicing*

MOAT No 24 : 1983 *Directives for the Assessment of Plastic Renderings*

Conditions of Certification

17 Conditions

17.1 This Certificate:

- (a) relates only to the product that is 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) has to be read, considered and used as a whole document — it may be misleading and will be incomplete to be selective;
- (d) is copyright of the BBA.

17.2 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, shall be construed as references to such publication in the form in which it was current at the date of this Certificate.

17.3 This Certificate will remain valid for an unlimited period provided that the product and the manufacture and/or fabricating process(es) 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 by the BBA or its agents; and

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

17.4 In granting this Certificate, the BBA makes no representation as to:

- (a) the presence or absence of any patent 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 nature of individual installations of the product, including methods and workmanship.

17.5 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, Johnstone's Jontex High Build Textured Masonry Finish is fit for its intended use provided it is installed, used and maintained as set out in this Certificate. Certificate No 97/3339 is accordingly awarded to Kalon Decorative Products.

On behalf of the British Board of Agrément

Date of Second issue: 22nd March 2002

Chief Executive

**Original Certificate issued 25th March 1997. This amended version includes a change of Certificate holder, revised Building Regulations, addition of CDM Regulations and updated Conditions of Certification.*

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For additional information about the Certificate, tel: 01923 665300.
For information about Agrément Certificate validity and scope, tel: Hotline 01923 665400, or check the BBA website.