



Technical Data Sheet

PROBOARD

DESCRIPTION

Advanced render carrier board for use as part of the ProWall rendered rainscreen cladding system.

COMPOSITION

Render carrier board made of Portland cement, aggregate, polystyrene balls and glass fibre mesh.

CHARACTERISTICS

ProBoard is lightweight, fire resistant render carrier board with tapered double-wrapped edges, ProBoard is flexible, impact resistant, highly durable and dimensionally stable.

ProBoard is easily cut using a utility knife and straight edge or with a circular saw. Edges may require a little attention after cutting.

ProBoard is highly moisture resistant and will not rot, disintegrate or swell when exposed to water.

COLOUR

Black/Grey.

PACKAGING

33 sheets par pallet.

DIMENSIONS

1.2m x 2.4m

COVERAGE

2.88 m²

STORAGE

Store in cool, dry conditions. Do not stack greater than 3 pallets high. Protect ends, edges and faces of ProBoard from damage.

SITWORK

Scaffolding must be independently tied, to allow uninterrupted application. Any faults in the structure, particularly those which may lead to moisture penetration, must be rectified.

SITE CONDITIONS

Temperature range, 5 - 30 degrees centigrade. Protect surface of ProBoard from extreme weather conditions prior to application of subsequent layers of ProWall render system.

SUBSTRATE

Timber or steel frame substrates.

PREPARATION

The background has to be supporting and free from dust, loose particles, damp and other pollution which can be of disadvantage to the application.

SAS (Europe) Ltd | Cheriton Bishop | Devon | EX6 6JE
T: 01647 24620 | F: 01647 24020 | info@sas-europe.com | www.sas-europe.com

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APPLICATION

Cut ProBoard sheets to size using a utility knife or circular saw. Install boards in block bond fashion avoiding stress lines around apertures. Fix boards using ProWall fixings and as directed in ProWall technical details.

Tape/scrim joints using ProRend Lite and ProMesh Grade 3 leaving an overlap of 150mm either side of ProBoard joints.

For information on ventilation profiles, detailing of apertures, expansion control and fire breaks, please refer to ProWall technical details.

CURING/DRYING

N/A.

HEALTH & SAFETY

Refer to material safety data sheet for full details of safety measures.

TECHNICAL DATA

Board weight:	14.7 kg/m ²
Flexural strength:	>6.9 MPa
Indentation strength @ 1.3 mm:	15.5 MPa
Water absorption, 24hrs:	<8%
Linear variation VS moisture change:	<0.07%
Freeze thaw resistance:	100 cycles
Wind load:	195 kg/m ²
Thermal Conductivity:	0.20 W/mK
Bending radius:	1.5 m
Shear bond strength:	>1.7 MPa
Reaction to fire:	A1

nb. Subject to alteration due to technical developments.

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