

Multi-textured resin based finish

flexirend highbuild



Uses

- May be applied to most old or new surfaces provided that they are suitably smooth and flat
- Suitable substrates:
 - Externally*
 - weber.rend OCR;** traditional cement rendering; fair-faced concrete; sound existing exterior grade paint; exterior grade composition and cement boards.
 - Internally*
 - gypsum finishing plasters; dry lining and insulating boards.

This list is not exhaustive and other smooth, flat surfaces may be considered. In addition, brickwork and blockwork may be coated where the joints will be accepted as a feature.

About this product

flexirend highbuild is a decorative and protective resin based surface coating for application to exterior and interior surfaces. It is a high quality, weather resistant finish, which may be textured to a variety of designs. It is available in a range of colours and provides a superior quality appearance to cement rendering, concrete and many other backing materials.

Features and benefits

- ▲ Factory controlled to give a consistently high quality product
- ▲ Highly durable
- ▲ Remains slightly flexible after curing and will accommodate a degree of building movement
- ▲ Resists the penetration of external water but allows the substrate to breathe
- ▲ Excellent weather resistance
- ▲ Includes a biocide to inhibit organic growth
- ▲ BBA approved certificate no. 95/3183



Technical data

flexirend highbuild has been assessed by the British Board of Agrément.

The certificate states that, under normal conditions, the product will perform satisfactorily for more than fifteen years.

Copies of the certificate are available on request.

flexirend highbuild is a polymer emulsion base containing graded aggregates and fillers along with light fast pigments.

Effective biocides are included to inhibit organic growth.

Suitable specification clauses for dealing successfully with most types of substrates are available from our Technical Services Department.

Colours

flexirend highbuild is available in a range of 10 colours. Specifiers should consult the Colour Chart on page 35 of the specifiers' handbook *weber render solutions* and, whenever possible, obtain samples prior to specification.

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Preparation

All surfaces must be sound, clean, dry and free from any material which may impair adhesion.

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.

To avoid dampness and discolouration, external finishes should be avoided below DPC or within 150 mm of ground level. Building board substrates should have the joints reinforced and caulked with a suitable caulking system prior to priming.

Slightly friable or high suction surfaces or those that offer a mixed suction should be treated with a suitable stabilising primer 24 hours before application of the finish.

Small cracks may be filled with **flexirend highbuild** prior to the application of the full coat.

All substrates must be of good alignment and blemish free. Faults in the background may be evident in the finished work.

Mask around the areas where material is to be applied. Masking tape must be removed before the material has dried.

Expansion joints should be included as required by the substrate and carried through all applied materials.

Mixing

flexirend highbuild is supplied ready-mixed.

Stir thoroughly before applying. For spray applications up to 5% of clean water may be incorporated during mixing.

To ensure colour uniformity, the materials required for complete and adjoining panels should be of the same batch number or be thoroughly mixed together before use.

Application

flexirend highbuild is usually applied by hawk and trowel or spray. However, decorators may wish to apply the material using a long pile roller or caulking knife. Whatever method is chosen, an even coat must be applied and a flowing edge must be maintained.

Hawk and trowel

Apply a tight coat of **flexirend highbuild** to a thickness of approximately 1 – 2 mm. Immediately after application, finish the material with the appropriate tool to achieve the desired texture, e.g. texturing roller, sponge or spatula, etc.

Roller

Apply **flexirend highbuild** at the rate of approximately 2.5 kg/m², using a long pile roller. The head must be kept fully loaded to allow for an even application without spreading the finish too thinly. Immediately after application, finish the material with the appropriate tool to achieve the desired texture.

Spray

When spraying, **flexirend highbuild** is applied in a single operation, with an open hopper type power spray to a thickness of approximately 1 – 2 mm. Alternatively, a flat, tight coat may be applied with a hawk and trowel followed by a light spray texture. Other machinery may be used for spraying. Contact our Technical Services Department for further details.

Curing/drying

flexirend highbuild will normally be surface dry within several hours and through dry within 24 – 72 hours. Good ventilation is required during this period. Damp conditions will hinder and extend drying times.

Protection

Protect from unfavourable weather conditions during application and curing.

Good practice

Do not apply:

- If frost is forecast within 24 hours of use
- In damp/wet conditions
- In temperatures below 5°C or above 30°C
- On elevations in direct sunlight or where the substrate is hot

Cleaning

All equipment must be washed with clean water (preferably hot) immediately after use. Do not empty waste material into drainage systems.

Packaging

flexirend highbuild is supplied in 15 kg pails.

Coverage

For each mm of thickness, you will require approximately 1.7 kg/m².

When to a thickness of 1 – 2 mm, coverage is approximately 6.0 m² per 15 kg pail.

Note: These estimates take no account of wastage and may vary according to the type of surface involved.

Storage and shelf life

When stored airtight in a dry place at temperatures above 5°C and protected from frost, shelf life is 12 months from date of manufacture.

Do not over-stack.

Health and safety

Essentially not hazardous.
Not harmful during normal use.
After contact with skin, wash immediately with plenty of water.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Keep out of the reach of children.

For further information, please request the Material Safety Data Sheet for this product.

Technical services

weber's Customer Services Department has a team of experienced advisors available to provide on-site advice both at the specification stage and during application. Detailed specifications can be provided for specific projects or more general works. Site visits and on-site demonstrations can be arranged on request.

Technical helpline

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