Silicone KR 1.5mm Render

TECHNICAL DATA SHEET

FIBROCEM™

Product Description

Fibrocem Silicone KR 1.5mm is a silicone-based, ready to use, through coloured, decorative thin coat finish render that is highly weather resistant and vapour permeable. Ideally suited to external insulation systems &
direct applied render to a carrier board and also as part of a render to masonry system. Using high performance Silicon resin technology, this highly water repellent formulation provides excellent facade protection; highly vapour permeable weather resistant and is UV stable. Silicone resin renders offer better weather protection than any other modern render. This is because they combine the useful properties of mineral renders with those of silicone, polymer resin renders.

Were can it be used?

- New Build
- Residential
- High Rise Flats
- Commercial
- Public Buildings
- Social Housing refurbishment

System features & benefits

- Silicone resin technology
- Water repellent
- Excellent workability
- Ready mixed
- Factory produced quality controlled
- Through coloured

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

Standard colours

Fibrocem can match to any colour that the client or specification requires.

Applications

Fibrocem Silicone KR 1.5mm can be used as part of the following:

- External Insulation Systems
- Render applied direct to a render carrier board System
- Render applied to a masonry substrate system

Preparation

All surfaces must be sound, clean, dry and free of any material which may impair adhesion. Scaffolding must be independently tied to allow for uninterrupted application. Any faults in the structure, particularly those which may lead to moisture penetration must be rectified. Always ensure that the Fibrocem Silicone Primer has been applied before application of the Silicone KR 1.5mm render.

Mask around the areas where material is to be applied. Masking tape must be removed before the material has dried out. Expansion joints should be included as required by the substrate and carried through all applied materials.

Note Suitable thin coat render beads may be used.

Mixing

Fibrocem Silicone KR 1.5mm is supplied ready to use but can be modified for use depending on substrate and weather conditions by adding max. 2% water, always ensure that the material has been mixed using a drill with suitable whisk prior to application.

Application

To apply the material use a stainless steel trowel or suitable spray equipment depending on the grain size, use the size of the aggregate to gauge the thickness of the render when applying to the substrate. Once the render is applied finish with a plastic float working the material in small circular motions, this will create the natural random finish.

Always agree an acceptable finished appearance on a sample panel with the architect or site supervisor before proceeding on a large scale. To prevent day joints apply the finish continuously to the surfaces, 'wet on wet'. On very large areas it is advisable to render to a natural break. Fibrocem Silicone KR 1.5mm is a synthetic material; therefore weather conditions for applying and drying are critical.

Coverage

1.5mm = approx. 2.5kg/m2
2.0mm = approx. 3.2kg/m2
3.0mm = approx. 4.1kg/m2

Cleaning

All equipment must be washed with clean water immediately after use. Waste material should not be emptied into drainage systems.

Packaging

Fibrocem Silicone KR 1.5mm is supplied in 25kg tubs on 1200x1000 pallets 30 tubs per pallet.

Storage

Store in a cool and frost-free area. Protect against direct sunlight can be stored in a closed container for at least 12 months. Open containers must be used within a short period of time.

Health & Safety

Keep out of reach of children. Avoid contact with eyes in the event of eye contact immediately rinse thoroughly with clean water. The material is essentially non hazardous, for full Heath & Safety please request a MSDS sheet.

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