



About this product

weber.therm B C X-treme is a cement-based, fibre-reinforced base plaster that is used in conjunction with **Weber Glass Fibre Mesh**. It must be covered with a finishing plaster or paint. Applied by notched trowel or machine projection. Produced from carefully selected raw materials for consistency of product, it only requires the addition of water on site.

Technical data

Substrate	Reinforcement	First/second Coat	Finish
EPS (Expanded Polystyrene)	Weber Glass Fibre	Base Coat 3 - 4 mm	Weber wall finish
Cement plaster		Base Coat 3 - 4 mm	Weber wall finish
Tensile adhesion as per ETAG 004:2000:			
28 days standard conditions (dsc) 0.10 N/mm ²			
28 dsc + 2 days water immersion + 2 h dry conditions		0.06 N/mm ²	
28 dsc + 2 days water immersion + 7 dsc		0.08 N/mm ²	
Impact test : drop test of steel ball as per ETAG 004:2000:			
Passed >3 Joules			
Note: all the data given was obtained at a temperature of 23°C and 50% relative humidity. A copy of the test report is available on request.			



Use

weber.therm B C X-treme may be used :

- In conjunction with **Weber Glass Fibre Mesh** to plaster expanded polystyrene and improve impact resistance
- As a levelling plaster on uneven cement surfaces
- As a thin skim plaster to create even suction on cement surfaces
- As a patching material or filler for concrete or cement plaster surfaces
- As an adhesive for applying expanded polystyrene onto cement surfaces

Features and benefits

- Quality assured raw materials
- Exceptional and consistent quality
- Backed by superior technical support
- Suitable for most buildings, including lightweight steel frame structures

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

Mixing

- Combine 20 kg of **weber.therm B C X-treme** with 4.5 litres of clean water
- Mix thoroughly
- A small amount of water may be added if necessary

It is recommended that a test sample be applied on-site to determine the suction of the substrate

Application

Please note :

weber.therm B C X-treme is designed to have a textured surface to provide a key for the application of the final finish. It is not possible to create a steel trowelled finish using **weber.therm B C X-treme**. It is advisable to test a sample area on-site before application begins. Surfaces receiving **weber.therm B C X-treme** must be below 75% RH.

Onto expanded polystyrene

The surface should be dry when application starts.

- Using a 10 mm x 10 mm notched tiler's trowel, apply the first layer of **weber.therm B C X-treme** by forcing the material tightly against the surface.
- Press the **Weber Glass Fibre Mesh** onto the surface of the wet **weber.therm B C X-treme**.
- Steel trowel immediately to smooth the surface, ensuring that the **Weber Glass Fibre Mesh** is completely covered.
- Leave **weber.therm B C X-treme** to cure and only once cured final coat can be applied.
- Apply the chosen final finish coating once the moisture content of the **weber.therm B C X-treme** is below 75% of relative humidity (RH) or below 5% moisture content.

Onto cement surfaces

- Using a 10 mm x 10 mm notched trowel, apply **weber.therm B C X-treme** by forcing the material tightly against the surface and then steel trowel.
- Follow immediately with a sponge roller or wood float to create a textured finish.
- Leave overnight to air cure.
- Apply the chosen final finish coating once the moisture content of the **weber.therm B C X-treme** is below 75% of relative humidity (RH) or below 5% moisture content.

Note: **Weber Glass Fibre Mesh** may be used if the substrate needs reinforcing. See the application method for expanded polystyrene above

Coverage

Coverage is approximately 3.5 to 4m² per bag when applied 3 to 4 mm thick.

Packaging

weber.therm B C X-treme is supplied in 20 kg paper bags.

Masking

Mask all areas where there is a risk of splashing and staining and where straight edges are required. Masking tape must be removed before the material has dried.

Surface preparation

The surface onto which **weber.therm B C X-treme** will be applied:

- Must be sound, clean and free of any material which may impair adhesion
- Must be true in plane
- Must be below 75% RH

Safety instructions

Hazardous – contains cement, which is alkaline when wet and can cause skin irritation. Use eye protection, gloves and barrier cream and avoid prolonged skin contact. Avoid inhalation of dust. Wash skin contamination away with warm, soapy water. Remove splashes to the eyes by prolonged irrigation and consult a doctor. Do not ingest. Refer to Health and Safety Data Sheet.

Curing

Wet the coated walls 3 times during the next day using clean water.

Guarantee

We agree that **Weber** products meet the product specifications and will be free from any defect. Any guarantee with regard to the performance of Weber products will be subject to professional and practical application of Weber products in accordance with our instructions and specifications. However, we have no influence over specific site conditions and therefore, if in doubt, the user should first carry out sufficient tests to ensure that the product is suitable. In special cases, obtain advice. Should our product prove defective, we undertake to replace any defective material. This guarantee will fall away in the event of Weber products being contaminated by the addition of sand, cement or substance other than recommended by us.

Technical services

Weber has a team of experienced advisors available to provide technical support.

Technical helpline: 08600 Weber (93237) or visit www.weber-tylon.co.za