



tradition • innovation • quality

a.b.e.® Construction Chemicals

brixeal

BRICKWORK WATERPROOF COATING

DESCRIPTION

brixeal is a bitumen emulsion waterproofer.

USES

- **brixeal** is used for waterproofing the faces of concrete beams and pillars where they come into contact with exterior brickwork.
- **brixeal** is used to prevent a bond developing between two adjoining concrete faces.
- **brixeal** is used as a waterproof barrier between the two faces of a 230 mm thick wall. It is applied to the outer surface of the inner leaf, in stages, during construction.
- **brixeal** is used as a concrete curing agent.

Note: **brixeal** is black in colour.

ADVANTAGES

- Single pack ready to use.
- Quick drying.
- Economical.

SURFACE PREPARATION

All surfaces to be clean dry, sound and free of oils and laitance.

BONDING/PRIMING

No special primer required.

MIXING

Stir well before use.

COVERAGE

Brushed coat on: 1st coat 2 m²/L

Average unbagged: 2nd coat 4 m²/L brickwork.

APPLICATION

Two coats of **brixeal** are recommended to ensure that any pinholes or lean spots left in the first coat are taken up, thus ensuring an even coating. Where brush applied, **brixeal** should be flowed on with as few strokes as possible, making sure that the surface is fully covered.

While **brixeal** may be applied directly to a stockbrick wall as a waterproof barrier, better results will be obtained if the surface is first 'bagged' with a sand/cement/water slurry in the usual way.

When **brixeal** is used for curing of concrete, a coating is brushed or sprayed onto the surface of the concrete, and by virtue of the waterproof qualities of the film, water is prevented from evaporating from the concrete. To allow traffic onto the concrete, the **brixeal** film can be blinded with clean sand after setting.

CLEANING

Tools, brushes and mixing equipment should be cleaned immediately after use and before material has set with **abe® super brush cleaner** followed by washing with soap and water.

TEMPERATURE AND RELATIVE HUMIDITY

Application temperature range: 5°C to 40°C

Do not apply if rain is imminent

MODEL SPECIFICATION

Bituminous emulsion coating used as a waterproof barrier.

The waterproof coating will be **brixeal**, a bituminous emulsion applied in accordance with the recommendations of **a.b.e.® Construction Chemicals**.

PACKAGING

5L, 25L, 200L containers.

HANDLING & STORAGE

This product has a shelf life of 12 months if kept in a dry cool place in the original packaging. In more extreme conditions this period might be shortened.

HEALTH & SAFETY

brixeal is mildly caustic and should not be allowed contact with skin and eyes or ingested. The use of gloves and eye protection is advised. Splashes into eyes should be washed immediately with plenty of clean water and medical advice sought. Cured **brixeal** is inert and harmless.

TYPICAL PHYSICAL PROPERTIES

Flash point	None
Drying time @ 25°C	Touch dry: ±1 hour Hard dry: ±12 hours Full cure: ±7 days
Toxicity	Mildly caustic – avoid ingestion and prolonged skin contact
Colour	Black

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.® Construction Chemicals** endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot - because **a.b.e.®** has no direct or continuous control over where and how **a.b.e.®** products are applied - accept any liability either directly or indirectly arising from the use of **a.b.e.®** products, whether or not in accordance with any advice, specification, recommendation, or information given by the company.

FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. **a.b.e.® Construction Chemicals** has a wealth of technical and practical experience built up over years in the company's pursuit of excellence in building and construction technology.

DATE UPDATED: 9/11/2020

a.b.e.® is an ISO 9001:2015 registered company
Registration Number: 1982/005383/07
101 Main Reef Road, Boksburg North, 1459
PO Box 5100, Boksburg North, 1461

a.b.e.® Construction Chemicals (Pty) Ltd
is a CHRYSO Group Company

