

X-Shield Primer AR

Alkali resistant primer

20210405

Product Description

X-Shield Primer AR is a water based sealing and penetrating alkali resistant primer. It can be applied to concrete, renders, plaster boards and cement boards.

Advantages

- Alkali resistant
- Penetrates
- Seals
- Breathable
- Environmentally friendly
- Can be used with anti-chloride treatments

Uses

As a primer for X-Shield acrylic coatings when used on highly alkaline substrates such as cement renders, plasters, concretes with a high cement content or cement with a high level of alkalis

Theoretical Coverage

10 to 12m² per liter, single coat application.

Recommended Thickness

Wet: 85 to 100 microns

Dry: 30 to 35 microns.

Packaging

19 liter drums.

Shelf Life

18 months when stored at below 35°C under shade in a dry environment.

Installation Guidelines

X-Shield Primer AR should be applied by experienced paint crews. X-Calibur provides detailed method statements on all its products for use in various applications. These must be referred to prior to starting work. The information below is a summary intended for guidance only.

Surface Preparation

The substrate must be structurally sound. Loose or unsound concrete should be removed and made good. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits. Any bug holes should be filled with cementitious or acrylic filler.

Application

Apply a single coat at 10 to 12m² per liter using brush, roller or airless spray. Product can be thinned by 10 to 15% using clean water, if necessary. Apply topcoats after 2 to 3 hours at 30°C.

Clean Up

Clean tools and equipment immediately after use with water. Cured material can only be removed mechanically or with X-Shield Solvent.

Limitations

Do not use in immersed conditions.

Do not apply below 5°C.

Avoid excessive application.

Avoid skin contact.

Do not discard into the water system.

Apply only on to slabs that have a waterproofing system installed in order to prevent blistering due to osmosis.

Health and Safety

This product is for industrial use only by trained operatives. It is not considered hazardous when used correctly. Please refer to the Material Safety Data Sheet (MSDS) prior to the purchase and use of this product. The MSDS can be downloaded from our website www.x-calibur.us.

Authorized Technical Specialist

Please note that only X-Calibur Authorized Technical Specialists ('ATs') are permitted to change any of the information in this data sheet or to provide written recommendations concerning the use of this product. Visit www.x-calibur.us for a full list of X-Calibur ATs.

Datasheet Validity

X-Calibur makes modifications to its product datasheets on a continuous basis. Check the datasheet update section on www.x-calibur.us to ensure you have the latest version.

Warranties

X-Calibur supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price.

X-Calibur does not warrant or guarantee the installation of these products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to X-Calibur in writing within five working days of being detected.

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