

# X-Shield FillCoat

Acrylic chalking compound, bug hole filler and skim coat

20190215

## Product Description

X-Shield FillCoat is a high build thixotropic acrylic chalking compound for filling bug holes (blow holes) in concrete, masonry and permanent boards prior to final finishes.

## Advantages

- Non slump
- Non shrink
- Easy to use
- Safe to use
- Flexible
- No mixing required

## Typical Uses

- Bug (blow) hole filling
- Skim coat
- Repair of imperfections in coatings
- Joint lines
- Substrate imperfections

## Laboratory Test Data

Property	Typical Results
Volume solids	48% ±2
Specific gravity	1.6 ± 0.05
Recoat time	18 to 24 hours

## Theoretical Coverage

1.6 liters per m<sup>2</sup> per 1mm thickness.

Actual coverage will depend on wastage and surface profile.

## Packaging

4 and 18 liter pails.  
600ml sausages

## Shelf Life

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

## Installation Guidelines

X-Shield FillCoat 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. The surface should be prepared by light grit blasting or high pressure water blasting to produce a lightly exposed aggregate surface and reveal all bug (blow) holes and imperfections.

## Application

Apply using trowel, scraper or filling knife, using a 'scrape on, scrape off' technique to completely fill bug (blow) holes and imperfections. Maximum application thickness as a skim coat is 2mm per layer. The first layer must be allowed to harden before application of the subsequent layer. Clean uncured material from equipment using water. Cured material can only be removed by mechanical means.

## Limitations

Do not apply below 5°C or above 40°C.  
Avoid excessive application.  
Avoid skin contact.  
Do not discard into the water system.

## Health and Safety

**This product is for industrial use only by trained operatives. It is potentially hazardous if not used correctly. Please refer to the Material Safety Data Sheet (MSDS) prior to the purchase and use of this product. The MSDS can be obtained via our website [www.x-calibur.us](http://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](http://www.x-calibur.us) for a full list of X-Calibur ATs.

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### **Datasheet Validity**

X-Calibur makes modifications to its product datasheets on a continuous basis. Check the current datasheet section on [www.x-calibur.us](http://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 the 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. X-Calibur Construction Chemistry Inc. **makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied.** X-Calibur Construction Chemistry Inc. shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.