

Shieldjoint AC3



MICSHIELD®

High Quality, Acrylic-based Jointing Compound for Gypsum and Cement Walls

Description

Shieldjoint AC3 is a high-quality, premixed, acrylic-based jointing compound used for drywalls and gypsum boards, enhanced with advanced additives to provide high-quality characteristics, making it suitable for use as a jointing solution for gypsum boards and drywalls. **Shieldjoint AC3** is ready to use and designed to be applied at all types of interior joints up to 4 mm thickness.

Uses

- Filling and finishing joints between gypsum boards or cement boards up to 4 mm joint width.
- Filling cracks and holes and repairing surface blemishes or undulations.
- Connecting drywalls and gypsum boards internal/external angles.

Characteristics / Advantages

- High adhesion strength.
- Non-shrink characteristics.
- Ease of application.
- Paintable and can be sanded easily.
- Anti-mould.
- High coverage and cost-effective.
- Vertical and horizontal applications.
- Environmentally friendly.

Packaging

Shieldjoint AC3 is supplied in 25 kg buckets.

Safety Instructions

Shieldjoint AC3 may cause irritation to skin or eyes. Refer to the most recent Material Safety Data Sheet for information and advice on the safe handling, storage, and disposal of the product.

Shelf Life and Storage

Shieldjoint AC3 has a shelf life of 12 months when stored in its original unopened packing in cool and dry conditions, protected from direct sunlight, heat, and moisture. Shelf life may reduce if the recommended storage conditions are not followed.

Typical Properties

Color	White
Appearance	Paste
Fresh Wet Density	1.40 ± 0.1 g/ml
Drying Time	Touch dry: 40 – 60 minutes To sand: 2 – 4 hours To paint: 24 hours

Technical information corresponds to the data, were obtained at 23 °C (± 2°C) temperature and 50+5% relative humidity.

Application Instructions

1. Surface Preparation

The substrate shall be free from dust, loose material, surface contamination, or any materials that may reduce bond or prevent adhesion.

2. Mixing

Shieldjoint AC3 is ready to use jointing compound, does not require adding water, and is applied directly to joints in gypsum boards and drywalls.

3. Application

Apply **Shieldjoint AC3** to the prepared surface using a steel float, or wide spatula to completely fill the joints while applying joint tape prior to application. The tape should be centralized over the joint while **Shieldjoint AC3** is pressed into the joints using the spatula. Apply a second coat and let it dry. Do not apply the product if the ambient temperature is less than 5°C.



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4. Cleaning

Tools should be cleaned immediately with clean water. Hardened material should be removed mechanically.

Technical Support

Refer to contacting technical information, method statement or technical support team for any inquiry.

5. Curing

Curing is not normally necessary but freshly applied material should be protected from rain and strong drying winds.

Consumption

Approximately 1 kg/ m2 at 1 mm thickness.

This is based on theoretical calculations, actual consumption and coverage may vary due to substrate profile, site condition and wastage rate.

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