

CROSflow® 820 Bulk Filler is a cementitious, self-smoothing, non-structural, floor underlayment with exceptional adhesion properties. **CROSflow® 820** Bulk Filler is suitable for internal applications where a thickness of between 5mm and 80mm is required. Use **CROSflow® 820** Bulk Filler over new or old concrete floors prior to the application of floor coverings.

Features & Benefits:

Can be applied to a thickness of up to 80mm in one application

Fast Setting

Packaged in PE bags, guaranteed product uniformity

Excellent adhesion

Exceptional workability

Suitable for:

Creating floor grades, ramps or falls to floor wastes

Indoor applications

Residential and commercial applications

New construction

Refurbishment of old floors

Surface Preparation:

Concrete floors must be structurally sound, clean and dry. Surface must be mechanically prepared and be free from dust, dirt, wax, grease, asphalt, latex compounds, adhesives, paint, curing and sealing compounds and other contaminants. Concrete must be free from efflorescence and not be subject to hydrostatic pressure.

All concrete sub floors must be fully cured and dry in accordance with AS 1884. Ambient temperature, surfaces and materials should be maintained at temperatures higher than 10°C and below 35°C.

Priming:

Using a soft brush or broom, prime the prepared concrete area with **CROSflow® Primer** and allow primer to dry. A second coat of primer may be necessary on areas with very porous surfaces where the initial coat has been completely absorbed. Allow the primer to fully dry to a clean, thin film (approx. 1- 2 hours) before applying **CROSflow® 820**. Low temperatures can delay the drying time of the primer. Do not apply **CROSflow® 820** until the primer has dried completely.

Mixing:

Place the recommended 2.7 litres of potable water into a clean mixing vessel and slowly add the entire 20kg contents of **CROSflow® 820** Bulk Filler while mixing using a mechanical forced mixer. Mix for approximately 2 – 3 minutes to a lump free consistency.

Use mix within 15 minutes after mixing, be sure to only mix a quantity that can be use within this time.

- Do NOT use concrete or masonry mixers to mix **CROSflow® 820**.
- Do NOT mix by hand.
- Do NOT attempt to retemper mixed product.

Application:

Pour or pump the mixed **CROFlow® 820** Bulk Filler onto the prepared substrate to the required thickness. Spread into place using a long handled gauged spreader, screed or trowel. Application shall to be continuously into the preceding workable material. Do not fill new material in the middle of preceding material. **CROFlow® 820** Bulk Filler can be screeded to create floor grades, ramps or falls to floor wastes

Set Time:

Allow curing time of 2 hours at 23°C for walkable foot traffic. Allow curing time of 4 hours at 23°C prior to application of floor leveller or installation of ceramic or stone tiles. Drying times will be impacted by air temperature, air flow, relative humidity and layer thickness.

Coverage:

20kg bag of **CROFlow® 820** Bulk Filler will cover approximately 1m² at 10mm thickness.

Clean Up:

Wash all tools in water immediately after use.

Packaging:

20kg PE water resistant bags.

Shelf Life:

12 months from date of production if stored indoors in undamaged and unopened PE bags.

CROFlow® 820 – Product Data:

| Property | Test Result |
|-------------------------|---------------------|
| Working Time at 23°C | 15 minutes |
| Foot Traffic at 23°C | Approx. 2 hours |
| Floor Coverings at 23°C | Approx. 4 hours |
| Setting Times at 23°C | Initial: 45 minutes |
| | Final: 60 minutes |
| Compressive Strength | 1 Day: 17 MPa |
| | 28 Days: 32 MPa |
| Application Thickness | Minimum: 5mm |
| | Maximum: 80mm |

Testing Parameters: 13.5% of water. Laboratory at: 23±2°C > 50% RH

Precautions:

- This product is designed as an underlayment and must not be used as a trafficable wearing surface.
- Do not use externally or in areas where the underlayment or subfloor is likely to be exposed to submersion, wetting or high levels of humidity.
- Do not apply **CROFlow[®] 820** Bulk Filler in temperatures below 10°C and above 35°C.

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Important notice:

A safety Data Sheet (SDS) is available from the Crosbe website (crosbe.com). Please read the SDS carefully prior to using this product. In an emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia).

Product disclaimer:

Recommendations and advice regarding the use of this product are to be taken as a guide only. The manufacturer of this product and any of its affiliate companies cannot be held responsible for any loss or damage arising from the incorrect usage of this product. The use of this product is beyond the manufacturers control, and liability is restricted to the replacement of material should the product be proven faulty. The information contained herein is to the best of our knowledge, true and accurate. We reserve the right to update information without prior notice. No warranty is implied or given to its completeness or accuracy in describing the performance or suitability of the product for a particular application.
