



3C Sealants®



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Product Technical Data Sheet

Product Name: **3C Sealants Floor Sealant**



DESCRIPTION:

3C Sealants Floor Sealant is a premium quality, one part, solvent-free sealant based on modern technology polymer. As well as reliability in industrial areas such as warehouse floors, areas of frequent heavy goods vehicle use and production facilities, 3C Floor Sealant also works perfectly well for public areas such as saw cut joints in concrete floors in car parks, pedestrian walkways and anywhere else where a tough but flexible expansion seal is required in a connecting floor joint.

BENEFITS:

- Excellent UV resistance
- Primerless adhesion to most common substrates
- Resistance to oils & solvents
- Exhibits good abrasion resistance
- When fully cured, forms a rugged, elastic seal
- Can be painted over when fully cured

RECOMMENDED FOR:

- Areas that are frequently trafficked (all types of vehicles including forklifts)
- Most types of saw cut & expansion joints in concrete floors etc.
- Pedestrian walkways and public areas
- Can be used internally and externally

PRODUCT INFORMATION

Packaging	600ml foil sausage
Shelf Life	12 months
Colour	Concrete Grey
Storage	Store unopened package in cool dry conditions
Application Temperature	+5°C to +40°C
Temperature Resistance	- 40°C to +100°C
Shore A Hardness	45 - 55 (DIN 53505)
Skin Formation Time (23°C)	15 - 20 min
Curing Rate (23°C)	Approx 3mm / 24hours
Joint Movement Capability	± 25%

INSTRUCTIONS OF USE:

Surface Preparation:

All surfaces to which the sealant will adhere must be clean, dry, and free from loose material, standing water, or any contaminants that could affect adhesion.

Non-porous surfaces, such as aluminium, should be cleaned using an appropriate cleaning product. Some porous substrates may require priming, depending on their porosity and cohesiveness.

For applications where movement is expected (e.g. construction joints), joint dimensions should not exceed 20 mm in width and 12 mm in depth. Where joints are deeper, the depth should be reduced using a suitable backing rod. For perimeter pointing where a fillet joint is required, the joint must have a minimum width of 10 mm and a minimum depth of 6 mm.

Once conditions are suitable, ensure joints are correctly prepared and apply the sealant firmly into the joint using an application gun, ensuring a complete and solid fill.

Tooling:

After application, the sealant may be tooled within 10 minutes to achieve the desired finish.

LIMITATIONS:

- Not be used to seal aquariums.
- Submerged joints need special attention to surface preparation and application and should be checked for integrity at regular intervals
- Always check to determine suitability of the sealant on any surface that may give cause for concern

HEALTH & SAFETY:

- Consult Health and Safety Data Sheet.
- Avoid contact of uncured sealant with the skin. If uncured sealant comes into contact with eyes, flush out immediately with clean water for at least 5 minutes. Consult medical advice if irritation persists
- Use in a well-ventilated area.
- As with all chemical products, care should be taken during use and storage.
- Do not eat or drink while using the product.
- Keep away from children and animals.

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for their application. Therefore, tests are necessary. Our general conditions apply.