

205 FLEXIBLE JOINT FILLER

HEAVY DUTY, POURABLE FLOOR JOINT FILLER

DESCRIPTION

205 Flexible Joint Filler is a coloured, two pack, pourable, flexibilised epoxy filler/sealant. The consistency of the mixed sealant allows direct pouring of the sealant into horizontal joints.

205 Flexible Joint Filler is hard and tough enough to protect joint edges from heavy wheel loading, but possesses sufficient flexibility to accommodate a degree of movement (10% of the joint width).

205 Flexible Joint Filler is particularly suitable for filling saw cut joints in long strip floor construction.

TYPICAL PROPERTIES

Pot Life:	1hr @ 20°C
Specific Gravity:	1.32
Shore A hardness:	75
Movement accommodation factor:	10%
Chemical Resistance:	Very good resistance to dilute mineral acids, alkalis, petrol, oils, milk, citric acid, hydraulic fluid, and hot water. Please refer to our technical department for specific advice.

COLOUR RANGE

Ready Mixed:
Light Grey, Mid Grey, Dark Grey, White, Black, Tile Red, Mid Green, Signal Red, Mid Blue, Safety Yellow.

Also available (Minimum Order Quantities and increased costs may apply):

Most RAL Classic, BS4800, BS381C, RAL Design and NCS - excluding metallic and fluorescent shades.

JOINT DESIGN

When using 205 Flexible Joint Filler, the joints shall be designed to ensure that concrete movement due to shrinkage and temperature fluctuations does not exceed 10% of the joint width.

- For joints up to 12mm wide, the depth of sealant should be equal to the width
- For joints over 12mm wide the depth of sealant should not exceed 20mm
- Joints over 25mm wide are permissible with 205 Flexible Joint Filler

PACK SIZES

- 1lt composite packs (including base and hardener)
- 5lt composite packs (including base and hardener)

ADVANTAGES

- No Primer required
- Excellent adhesion to concrete
- Tough and resilient
- Suitable for wide joints
- Highly resistant to water
- Easy to apply
- Fast curing
- Hygienic and easily cleanable
- Low viscosity

RECOMMENDED USES

To seal floor joints in food factories and warehouses where heavy vehicular trafficking occurs

COVERAGE

1 litre pack of 205 Flexible Joint Filler is sufficient for 10 linear metres of a 10mm x 10mm joint.

SURFACE PREPARATION

New concrete floors shall be a minimum of 21 days old. Joint surfaces shall be sound, clean and free from laitance, dust and other contaminants.

Joint edges are best prepared by grinding or power wirebrushing; ensuring that all spoil and residual dust is removed by blowing with dry, oil free, compressed air.

De-bonding tape should be used in the base of the joints otherwise a polyethylene foam backing strip should be inserted to the appropriate depth.

MIXING

Pour the contents of the curing agent container into the base container and thoroughly mix, preferably by mechanical means until a uniform consistency is achieved.

Mixing Ratio

By Weight = 100 Base : 42.1 Curing Agent

APPLICATION

The mixed material may be poured directly into the prepared joints to level.

Alternatively, 205 Flexible Joint Filler may be poured into empty cartridge tubes and gunned into the joints using a sealant gun. It may be necessary to top up to level after a few minutes when the sealant has settled into irregularities.

EQUIPMENT CLEANING

Clean equipment with [109 Tool Cleaner](#) prior to curing of the sealant.

CURING

205 Flexible Joint Filler will have cured sufficiently following 24 hours cure @ 20°C to allow trafficking.

Full chemical resistance will be achieved following 7 days cure @ 20°C.

At lower temperatures cure times will be increased.

STORAGE & SHELF LIFE

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 25°C.

205 Flexible Joint Filler has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.

LIMITATIONS

- Do not apply to wet or uncured concrete surfaces
- Do not apply at temperatures of 3°C or less

HEALTH & SAFETY

- Avoid contact of the material with skin and eyes
- Wear gloves and goggles
- Wash off splashes immediately with soap and water
- Any eye contamination must be rapidly irrigated with copious amounts of water, and immediate medical attention sought

Please refer to Material Safety Data Sheet for additional Information.

205 Flexible Joint Filler shall be applied strictly in accordance with the manufacturer's instructions.

For specific advice regarding any aspect of this product, please consult our Technical Department.

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CAUTION

- This product is for professional use only
- Applicators must be experienced and able to prepare and apply the coating correctly according to all relevant documentation
- If in doubt, contact our Technical Department before commencing any work