

KWA – ZULU NATAL

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Unit 7, Marlmead, 4 Reed Place,
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**MULTI CONSTRUCTION
CHEMICALS**

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MULTI SEAL 260 Semi-Rigid PU Joint Filler

Description

A twin pack epoxy/PU compound designed to be used as a joint filler in floors where movement is limited and reinforcing of the edges of the joint is required. Due to its high compressive properties it helps reinforce the joint against the effect of wheeled traffic. It exhibits good resistance to cleaning solutions, mild acids and alkalis and oils.

Typical Applications

As reinforcing joint filler for joints in floors designed to handle heavy wheeled traffic.

Advantages

- Chemical resistance to mild acids, alkalis, fuel oils and salt solutions
- High abrasion resistance
- Semi-flexible
- Easy application
- Superb aesthetic
- Easy to maintain
- Noncracking
- Variety of colours

Typical Properties

| | |
|------------------------|---------------|
| Solid Content | 100% m/m |
| Mixing Ratio | As supplied |
| Flash Point | >150°C |
| Application Temp. | 5 - 35°C |
| Pot Life | 20 minutes |
| Hardness | 70-80 Shore A |
| Full Cure | 7 Days |
| Service Temp | -25 - 90°C |
| Movement Accommodation | +/- 5% |
| Colour | Various |

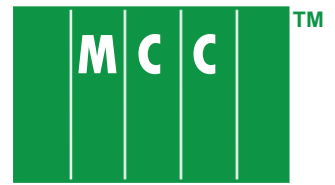
Watch Points

- Colours must be from the same batch to reduce risk of colour variations
- Exposure of the coating to intense lighting or direct sunlight will produce discolouration in time
- Staining of unsealed tiles may occur on direct, sustained contact

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Directions for Use

Surface Preparation:

All surfaces must be clean dry and sound. Apply a suitable bond breaker at the base of the joint at the correct depth. In new floors delay installation as long as possible as shrinkage of the concrete causes progressive opening of the joints. A minimum of 28 days for the concrete to cure is a requirement. The joint depth should be a minimum of 15mm and for joints wider than 20mm the depth should preferably equal the width. When it is anticipated that the joint movement will exceed the movement accommodation factor of the sealant, i.e. before shrinkage of the concrete has ceased or temperatures have stabilized, the use of a temporary sealant should be considered.

Mixing:

Mix the two components together using a slow speed electric drill. Scrape down the sides of the container and remix, preferably in a second container. Use immediately as the product has a limited pot-life. Gun into joints using a closed-barrel gun. Smooth to the desired profile using either a scrapper or a profiled applicator.

Application:

- The joint depth should be a minimum of 50 mm.
- The depth of the joint should be controlled by using a compacted layer of dry 5 mm silica sand and the joint is then filled with the thoroughly blended with the Multi Seal 260 to the full depth of the joint by either pouring or gunning using a long barrel gun.
- As a flush finish is required overfill with the compound to create a raised surface, check an hour or so after the original application to ensure that some of the jointing material has not seeped away and top up as required.
- The excess material should be shaved or ground flush the next day.
- Staining of the areas adjacent to the joint can occur and should be allowed for.
- **Important – the sealant MUST be supported from below.**
- No priming is required.

Equipment Care

Clean all equipment immediately after use with Multi Thinners 1600. Once the compound has polymerized it may only be removed mechanically.

Packing

Supplied in 2 litre and 4 litre kits.

Quality Assurance

Multi Construction Chemicals South Africa (PTY) Ltd production and testing programs comply with all local and international testing standards.