

Optiflex 620

Optima Coatings Optiflex 620 is a twin pack polyurethane 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 good compressive properties it helps reinforce the joint against the effect of wheeled traffic. But at the same time its poor tensile strength ensures that movement at the joint faces, particularly those caused when the joint opens, does not cause spalling of the concrete.

Colours: Grey

PRODUCT USES

- As reinforcing joint filler for joints in internal floors, designed to handle heavy hard-wheeled traffic.
- Recommended for use in industrial flooring applications where "joint spacing" is typically a problem.

ADVANTAGES

- Highly compressive and flexible.
- Resistant to a wide variety of chemicals.

COVERAGE

- Dependent on depth and width of joint.

SURFACE PREPARATION

- Ensure all substrates are thoroughly clean, sound, dry and free from any contaminants such as dirt, algae and grease.
- 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 curing of the concrete is required.
- The joint depth should be a minimum of 20mm..

APPLICATION

- Staining of the areas adjacent to the joint may occur and therefore it is recommended that the edges be masked with tape prior to installation of Optima Coatings Optiflex 620.
- Place a 3 – 5 mm layer of dry silica sand or weak sand / cement mortar at the base of the joint.
- Fill the full depth of the joint, by either pouring or pumping in thoroughly mixed Optiflex 620, using a closed barrel gun.
- Overfill with an epoxy compound to create a flush finish.
- Check the original application after approximately 60 minutes to ensure that no jointing material has seeped away. Top up if necessary.
- The excess material should be shaved or ground flush the next day.

CLEANING

- Clean all equipment immediately after use with Optima Coatings Xylene.
- Any excess cured material will have to be mechanically removed.

SAFETY PRECAUTIONS

- As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs.
- Treat splashes to eyes and skin immediately.
- If accidentally ingested, seek medical attention.
- Reseal containers after use.
- Use in well ventilated areas and avoid inhalation.

TECHNICAL DATA

Pack size	2 litres
Solids content	100% m/m
Mixing ratio	As supplied
Flash point	> 150°C
Application temp	5 - 35°C
Application humidity	30 - 80%
Hardness	60 - 75 Shore A
Full cure	7 days maximum
Service Temp	80°C
Chemical resistance	Mild acids, alkalis, fuel oils and salt solutions.
Elongation	±10% max
Colour	Grey (colours on request)
Shelf life	Optima Coatings Optiflex 620 has a shelf life of 6 months if correctly stored

Technical details above are provided in good faith. We are an ISO 9001: 2008 registered company and our products are manufactured to the highest standards using raw materials of superior quality. Consequently we believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that the user conduct their own suitability tests before use. To retain sheen and colour consistency of your paint, always make sure that the batch numbers are the same on all paint containers that you purchase.

Updated: November 2013 (this supercedes all previous publications)