



COGRI GROUP

CoGri Rapid Seal 75

DESCRIPTION

CoGri Rapid Seal 75 is a self levelling, 100% solids, flexible, two component, rapid curing polyurea joint filler. It is designed to accommodate 10% - 15% movement within the installed joint width. Its characteristics allow it to cure even at very low temperature in rapid time so minimising valuable downtime.

CoGri Rapid Seal 75 can be used to fill interior cracks, and both damaged and new floor construction joint details on horizontal floor surfaces. It has been designed for industrial flooring environments receiving heavy duty vehicle traffic and its flexibility allows it to accommodate small slab movement yet retain enough strength to protect vertical edges of concrete from spalling under extreme loading.

CoGri Rapid Seal 75 can also be used in exterior applications where minor movement of joints or cracks from thermal cycling will occur.

CoGri Rapid Seal 75 has the advantage of rapid curing rates and can be opened to heavy duty traffic after a minimum of one hour. It is capable of curing within the temperature range of -25°C to 90°C+.

Typical Application Uses

Factories & Warehouses
Cold Storage & Freezer Facilities
Food Processing Facilities
Airports
Prison Environments
Wire Guidance Installations
Roofing Applications

Typical Physical Properties at 20°C (1:1 Mix Ratio)

Solids Content	100%
Pot Life	< 1 minute
Working Time	< 1 minute
Tack Free Time	2 - 3 minutes
Open to Traffic	60 minutes
Shore A Hardness	> 75

Advantages

100% Solids, No VOC's (Volatile Organic Compounds)
Flexible – 460% - 500% elongation
Odourless – No toxic vapours
Resists aviation fuel
Retains flexibility in cold temperatures

INSTRUCTIONS FOR USE

Preparation

Remove all existing infill material and debris and then ensure all internal joint edges are dry, clean and free of any contamination. If required, cut back any spalled edges to avoid feather edging of the **CoGri Rapid Seal 75** and to leave a neat straight edge to work to.

Mixing

The material is dispensed using a dual cartridge mixing gun that allows the 300ml "A" component to mix with the attached 300ml "B" component through a single mixing nozzle attached to the two component cartridges.

Installation

If required, install appropriate joint sealant backing rod and then dispense material in to the joint cavity in two separate passes filling half the joint depth with the first pass. Immediately follow up with the second pass of **CoGri Rapid Seal 75** until the joint is slightly overfilled.

Once it has reached its initial cure the **CoGri Rapid Seal 75** the material can be sharp blade trimmed or diamond ground flush with the surrounding floor profile to leave a smooth finish to the newly repaired joint detail.

CoGri Rapid Seal 75 may be placed at temperatures between -25°C and 90°C. For placing at temperatures outside this range contact the Technical Service Department. Tools and mixing equipment should be cleaned with Cleaning Solvent immediately after use of the **CoGri Rapid Seal 75** product.

Curing

No special curing practice is required.

Disposal Instructions

Cured material may be disposed of without restriction. Any of the excess "A" and "B" components should be mixed together and allowed to cure before normal disposal if of no further use. All material containers that are "drip free" may be disposed of in line with local waste regulations.



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Coverage Rates Per Linear Metre - Theoretical

A 600ml cartridge of **CoGri Rapid Seal 75** will seal normal typical floor joint details at the following rates:

mm (WxD)	6mm	12mm	20mm	25mm
6mm	16.1L/m	8.2L/m	5.5L/m	3.9L/m
12mm	8.2L/m	3.9L/m	2.7L/m	2.1L/m
20mm	5.5L/m	2.7L/m	1.8L/m	1.2L/m
25mm	3.9L/m	2.1L/m	1.2L/m	1.0L/m

Packaging

600ml Duplex Cartridges.

Colours

Standard: Light Grey

(Other colours available on request)

PRECAUTIONS

Health and Safety

CoGri Rapid Seal 75 is a resin based product. Resins and solvents may cause allergic reactions in certain people. Always wear gloves, use barrier cream on unprotected skin areas and wear eye protection when mixing, using and cleaning. Ensure adequate ventilation to prevent inhalation of vapours. If skin contact occurs remove resin immediately with cleansing cream and wash with soap and water. Do not use Solvented products. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. If swallowed do not induce vomiting. Seek medical advice immediately.

Full health and safety data are given in Product Safety Data Sheet.

Storage and Shelf Life

Product is not recommended for use on concrete surfaces that has had less than 30 days curing period.

Product should not be used to fill cracks or floor joints if concrete slab movement from thermal cycling is expected. Product can not be applied to horizontal surfaces with a greater than 15% slope.

Product should not be applied on damp, wet or ponded surfaces.

For further information and sales please contact:

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