
PRODUCT DESCRIPTION

A two part product consisting of a dry powder base:

- Part A - a blend of selected aggregates and fast setting cements modified with a polymer and cure enhancing chemicals and
- Part B - a polymer containing wetting portion which is carefully added to the dry base to achieve a stiff paste to enable slump free application on vertical and overhead surfaces

INTENDED USES

A fast curing flexible filling compound for filling internal joints of Cement Mortar Lined (CML) pipes that have been joined using exterior pipe couplings or as a filler on concrete for underwater applications requiring good hardness and good flexibility.

The product is used to fill the internal circumferential gap where the CML has been cut back at the end of the pipe and is butting up against the adjacent pipe

The product can be used as a repair material for cement mortar lined pipes.

It can be used as a semi-flexible filler for sealing fibre-cement products to mortar, repairs of cracks in concrete, joint filling etc.

CHARACTERISTICS

- Good adhesion to steel and concrete surfaces
- A internal flexible filling compound with a high compressive strength
- Easy to use – simply add Part B to desired consistency
- Hardens in 3 – 4 hours
- Cures to an extremely tough, non-shrink, hard state that is suitable for immersion
- Suitable for use with potable water
- Part B contains a flexibilizer which imparts a degree of flexibility to the cured compound

PRODUCT INFORMATION

Colour	Cement Grey
Finish	Matt
Typical Film Thickness	Up to 50 mm per coat
Theoretical Coverage	▪ 2.5 m ² at 5 mm dft per 25kg
Method of Application	Steel float/trowel, putty knife or scraper
Number of Coats	As desired
Flash Point	Non-flammable
Viscosity	Pasty after addition of Part B

CERTIFICATIONS

Consult Speccoats™ Technical Representative for details

Protective Coatings

Patching Compound

Flexible Cementitious Filler



Consult Speccoats™ Technical Representative for coating system solutions.

SURFACE PREPARATION

Degrease surfaces with Speccoats Hydrosolve followed by a high pressure water rinse & allow drying

Internal Pipe Surfaces for filling

The mixed compound must only be applied to clean cement or steel surfaces where the dust has been removed by washing or compressed air blowing
The surface can be wet but not pooled with water

Control of Material & Personnel during Coating

It is advisable to have material stocks in excess of calculated requirements
After completion of the application, the work area should be sealed off and traffic diverted for the full curing period

APPLICATION

Mixing

This product is supplied as a two component material comprising of a powder (Part A) to which the liquid Z (Part B) is slowly added while stirring

Add Part B slowly to achieve just the right consistency for trowelling on vertical surfaces without slumping.

Stir the material using a suitable mechanical stirrer until homogeneous

Applying

When applying to a pipe joint it is advisable to first 'prime' the surface to be prepared with a slurry of this material and Part B

Apply the repair material at the stiffest consistency that will penetrate and wet the rough surfaces in the joint

Stamp the material into the joint until all air bubbles have escaped. Then smooth off the surface with a steel trowel

Clean the surrounding area and leave to cure for at least 4 hours at 25°C

The compound will take 16 hours to cure hard after which it can then be used

PROTECTIVE

Pot Life 30 minutes at 25°C

Thinner Part B

Trowel, Scraper, Putty Knife Recommended

Work Stoppage Thoroughly clean all equipment with **Water**. All unused material should be stored in tightly closed containers.

Clean Up Clean all equipment immediately after use with **Water**. It is good working practice to periodically clean all equipment during the course of the working day. Frequency of cleaning will depend upon the amount applied, temperature and elapsed time, including delays.

If the relative humidity limit of 70% is exceeded, drying and overcoating times will be severely extended.

Environment	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	5°C*	7°C	10%
Maximum	40°C	45°C	85%

*Or 3°C above the dew point

LIMITATIONS

- Overcoating information is given for guidance only and is subject to local climate and environmental conditions. Consult a Speccoats™ representative for specific recommendations
- Technical and application data herein is for the purpose of establishing a general guideline of the coating application procedures.
- Test performance results were obtained in a controlled laboratory environment and Speccoats™ makes no claim that the exhibited published test results, or any other tests, accurately represent results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection and verification of the performance and use of the coating

UNIT SIZE

Plastic Container

10 kg
25 kg

STORAGE

Shelf Life

24 months at 25°C – from date of manufacture

Subject to inspection thereafter. Store in dry conditions out of direct sunlight.

Store at temperature between 5 and 35°C

IMPORTANT NOTE

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product

PRECAUTIONS

For complete safety and handling information please refer to the appropriate **Safety Data Sheets** prior to using this product.
