

# CP203

## COMPRIBAND THIXOTROPIC EPOXY ADHESIVE

### KEY BENEFITS SUMMARY

- Solvent free non-shrink system
- Excellent bond strength with in-built flexibility
- Suitable for use on damp structures
- Will penetrate gaps of width 0.1 mm and above
- Excellent performance in harsh environments
- Good chemical and water resistance
- Complies with the requirements of EN1504 Part 5

### PRODUCT INFORMATION

#### Description

CP203 is a thixotropic, two part epoxy resin system (for use with Migutec/Migutrans surface fixed expansion joint profiles where there is an identified requirement for load transfer). The base resin component is thixotropic plus a low viscosity liquid hardener. CP203 can be brush applied to the substrate. The two part system gives rapid strength gain obtaining mechanical properties several times those of high quality concrete. The product is non-shrinking. The hardened resin is resistant to most chemicals, stable to sea water, petroleum products and resists freeze thaw cycles.

#### Usage/Purpose

- CP203 is used as a structural support and adhesive for surface fixed Migutec/Migutrans movement joints where thin section grouting is required. The resin improves load transfer and durability of the flooring substrate, and is intended for use in addition to recommended mechanical fixings.

#### Colour

Pale amber

#### Packaging

1 kg pack

#### Standards

CP203 has been tested in accordance with the relevant parts of BS 6319.

#### Specification Outline

Migutec/Migutrans surface fixing profiles should be bonded using CP203 as supplied by tremco illbruck Limited.

The product shall be stored, handled and used strictly in accordance with the manufacturer's instructions.

#### Protective Equipment

USE IN WELL VENTILATED CONDITIONS and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

#### Preparation

- All surfaces should be free from chemical contamination, oil, grease and debris.
- Concrete should be scarified or acid etched to remove any laitance.
- All surfaces should be free from standing water.
- Small gaps may be blown out using compressed air.
- Steel should be free from rust and flaking mill scale.

#### Mixing

- Pour all of the hardener into the base container which has sufficient volume to act as the mixing vessel.
- Thoroughly mix the two components until a homogenous thixotropic product is achieved.

#### Application

- Mix and apply the resin within the 'usable life' as given in Technical Data Table. At the end of the usable life, the mix will start to generate a great deal of heat. At this time any unused material should be mixed with sand to reduce the heat output and discarded.
- The Migutec/Migutrans profile should be located and the position adjusted immediately after resin application, allowing excess resin to exude under gentle pressure.
- Exuded resin, tools and equipment should be cleaned immediately from the profile and floor area before curing. The uncured resin can be removed with scrapers, rags and wiped clean with solvent if required.
- Once the resin has "firmed up" the profile is secured using the recommended mechanical fixings.
- Once cured the resin can only be removed by mechanical abrasion.

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### Health & Safety Precautions

Safety data sheet must be read and understood before use.

### Availability

Direct from tremco illbruck.

### Technical Service

tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

### Guarantee/Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with tremco illbruck written instructions and (b) in any application recommended by tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

### TECHNICAL DATA

PROPERTY	RESULT
Viscosity	at 5°C >10 000 cps at 10°C >10 000 cps at 20°C >10 000 cps
Specific Gravity	1.10
Usable Life (@ 20°C)	30 minutes
Usable Time After Mixing	at 5°C - 80 minutes at 10°C - 45 minutes at 20°C - 30 minutes at 30°C - 10 minutes
Pot Life (@ 20°C)	45 minutes
Cure Time (@ 20°C)	24 hours No special practice is required. Cure time will depend on temperature.
Application Temperature Range	+5°C to +35°C
Yield	0.910 litre/kg On smooth surfaces an applied resin thickness of 1 mm will give a coverage of 1 m <sup>2</sup> . On rough surfaces, a thicker layer may be required which will reduce yield (e.g. 2 mm thickness gives 0.5 m <sup>2</sup> coverage).
Compressive Strength	after 1 day - 50 N/mm <sup>2</sup> after 3 days - 60 N/mm <sup>2</sup> after 7 days - 70 N/mm <sup>2</sup>
Tensile Strength	30 N/mm <sup>2</sup>
Flexural strength	50 N/mm <sup>2</sup>
Storage	Store in dry conditions between +5°C and +25°C
Shelf Life	12 months when stored as recommended in original unopened packaging

