

CI/SfB	(43)	Pq2
CAW M10		
Uniclass L6412:P21		
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# CS375 Uniflow Px-1

## Industrial Wearing Screed

### KEY BENEFITS SUMMARY

- Can be pumped up to 2,000 m<sup>2</sup> per day with an application range of 5 mm - 25 mm providing a quality solution that is quick and cost effective to apply
- Accepts full forklift traffic and is extremely durable
- High abrasion resistance, suitable as an industrial wearing screed
- Can be overcoated with Tremco CS930 Epoxy Dustproofer & Tremco CS 900 Epoxicote to provide a decorative functional finish
- Very low VOC
- Protein free, the product complies with HTM 61 requirements

### PRODUCT INFORMATION

#### Description

Tremco CS375 Uniflow Px-1 is a cementitious, self levelling flooring compound for interior applications.

#### Usage / Purpose

Tremco CS375 Uniflow Px-1 is specifically designed for industrial warehouses, and production areas where wear resistance is essential.

#### LIMITATIONS

Not suitable for use at ambient temperatures below +5°C or over +30°C.

#### Colour

Grey

#### Packaging

25 kg plastic lined reinforced paper sack

#### Availability

Direct from Tremco illbruck (see back of leaflet for address and telephone details), or via local and national distributors.

### TECHNICAL INFORMATION

#### Composition

A blend of special cements, graded fillers, modified polymers and flow admixtures

#### Characteristics (Typical Values)

##### DENSITY

Wet 2,000 kg/m<sup>3</sup>

#### Performance (Typical Values)

OPEN TIME/WORKABILITY (at +20 °C)  
30 minutes

#### COMPRESSIVE STRENGTH

24 hours >20 N/mm<sup>2</sup>

28 days >35 N/mm<sup>2</sup>

#### CURE TIME

Approximatley 4 hours for foot traffic and 18 hours for light traffic. Allow 24hrs under good ambient conditions for full forklift traffic.

### USAGE GUIDELINES

#### Standards

All aspects of the installation must be in accordance with the requirements of BS8203 & BS8204 and supplementary specifications.

#### Moisture Testing

- Suitable for application on substrates with <75% RH. The subfloor should have an intact integral damp proof membrane.

#### Surface Preparation

- Ensure all surfaces to be coated are clean, dry, frost free and free from grease, oil, dirt, dust, loose friable material and any other contaminants (coating, laitance, etc).
- Any surface hardener or curing compounds should be thoroughly removed prior to the application of Tremco CS375 Uniflow Px-1.
- Mechanical preparation, using an enclosed shotblasting machine may be recommended and should be followed by thorough vacuuming to remove all surface dust.
- Concrete and sand/cement screeds must be fully cured and incorporate an effective damp proof membrane. For full details of surface preparation contact Tremco illbruck Technical Services.

#### Priming

- Non-porous surfaces require priming. Typically Treadfast ES 3000 is used and fully blinded with aggregate.
- Substrates with >75% RH should be primed with Treadfast ES 3000.
- Porous substrates should be primed with Treadfast Uniprime P1 or alternatively Treadfast ES 3000 may also be used.

#### Mixing

- Mix using a slow speed electric drill and paddle. Add 5.25 litres of water to the mixing vessel and add the 25 kg of Tremco CS375 Uniflow Px-1 powder while mixing to ensure a smooth final mix, free from lumps. Do not add additional water as this will reduce the performance of the final screed.

# CS375 Uniflow Px-1

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- A 68 mm by 45 mm flow ring should be filled with pre-mixed Tremco CS375 Uniflow Px-1. Using a flow chart, a spread ratio of between 200 mm and 210 mm should be obtained to ensure that a correct mix is passing through the pump.

## Method of Application

- Tremco CS375 Uniflow Px-1 should be applied directly after mixing either by pouring a ribbon of material along the wet edge and then trowelled to form a smooth, even finish or by pumping directly onto the subfloor.
- Whilst still wet a spiked roller should be used to blend the flow lines together.
- Water based epoxy coatings (e.g. Tremco CS930 Epoxy Dustproofer), may be applied 24 hrs after installation of the Tremco CS375 Uniflow Px-1, depending on site conditions and temperature.

## Coverage Rate

1.7 kg/mm/m<sup>2</sup>

## Cleaning

Immediately after use all tools and equipment should be cleaned with water. Cured material can be removed mechanically or by acid etching.

## Health & Safety Precautions

Product Health and Safety Data Sheet must be read and understood before use.

## Storage

Store in dry, shaded conditions between +5 °C and +35 °C .

## Shelf Life

12 months when stored as recommended in original unopened packaging.

## 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.