

CP320

FIBRE REINFORCED WATERPROOF COATING



KEY BENEFITS SUMMARY

- Durable liquid applied coating providing guaranteed waterproofing
- Quick and easy to apply even around complex detailing
- Single component materials - no mixing required
- Fibre reinforced for extra strength and durability
- Primerless application to most common flat roof substrates

PRODUCT INFORMATION

Description

CP320 is a cold applied single pack, ultra high solids, moisture activated, elastomeric urethane containing inert reinforcement fibres. High elasticity allows membrane to “move” without cracking or splitting. Internal reinforcement often avoids the need to use dry reinforcement scrim, matting etc, on tight lap joints, bolt heads, etc.

Usage / Purpose

Waterproofing membrane coating for protection of sound (small) flat and pitched roofs, etc. Also used as bridging stripe coat on firm lap joints, bolt heads, during refurbishment of profiled metal sheeted roofs.

LIMITATIONS

- Not suitable for use in areas exposed to continuous chemical contamination.
- Not suitable for continuous foot traffic without the addition of suitable walkways or protection. See application instructions paragraph below about pedestrian walkways.

Colour

Grey

Packaging

5 litre tins

Availability

Direct from tremco illbruck (see back of leaflet for address and telephone details).

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.

Adhesion Tests

Adhesion tests are essential on all existing non-bituminous roofing membranes and coatings.

Surface Preparation

- Every project is different, please refer to the tremco illbruck specification.
- Inspect roof surface and seal or repair any cracks or splits in the existing waterproofing.
- The roof surface should be cleaned using a pressure washer set at a maximum of 2,000 psi. Thoroughly wash the surface taking care to remove all loose material, sand, dirt and other materials.
- Once the surface is free from contaminants, apply a biocidal wash to the entire area.
- Remove any remaining surface water using a stiff brush or squeegee and allow the surface to dry.

Priming

- Priming is not usually necessary on most sound non-porous common building substrates (priming is required on metals – Refer to tremco illbruck for appropriate specification).
- If in doubt, patch tests should be conducted or consult tremco illbruck for further information.

Application Conditions

- Install in dry conditions when the air and surface temperature is between +5°C to +40°C.
- Do not install in rain, snow, fog or frost or if the temperature is likely to be outside this range before initial cure.

Method of Application

- Brush or short/medium pile roller. Work material well into substrate and build up to required thickness.
- Apply generous quantities to joints, etc., stripe coating if necessary prior to application of main coat.

NOTES:

- Coverage rates are affected by: the temperature of the CP320 at the time of application, the surface profile, the surface temperature and the ambient air temperature.

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- Surface preparation, especially where bonded chippings are found, is paramount in controlling the amount of material used.
- The figures given here are minimum quantities required when applying to smooth flat surfaces in good conditions, allowance must be made for wastage and reinforcement laps.

Cleaning

All equipment should be cleaned with AW421 Cleaner prior to curing.

Health & Safety Precautions

Product Health and Safety Data Sheet must be read and understood before use. Flammable - keep away from open flames and other ignition sources.

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 (Typical Values)
Composition	Low solvent, moisture triggered polyurethane, reinforced with fibres
% Solids by Weight	76%
Drying Time at 20°C	Touch dry: 4 hours Overcoating time: 8 hours
Chemical Resistance	CP320 exhibits good chemical resistance to a range of materials including: Oil, salt solution, water, rain water, soap & water, bleach and ethylene glycol
Coverage Rate (Smooth Surfaces)	A minimum of 1.0-1.25 litre/m ² (see notes)
Storage	Store in cool, dry shaded conditions between +8°C and +25°C
Shelf Life	6 months when stored as recommended in unopened containers



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