

Mapecoat CF-AP

**A colored, chemical-resistant,
high wearing Polyester Urethane
coating**

WHERE TO USE

Mapecoat CF-AP has been specially developed to form a protective, abrasion-resistant and high temperature resistant coat, to be applied directly on both coverings and skirtings. It is available in gloss or matt finish.

Some application examples

- Anti-dust and smooth finish for coverings, skirtings and walls.

BENEFITS

Attractive - Outstanding gloss/matt and color retention

Versatile - May be applied on most primed substrates.

Compliance - BS 476 Part 5,6&7 for Class 'O' Fire rating

Mapecoat CF-AP may be applied by roller, brush, or by spraying with compressed air or airless spray equipment in layers from 60 µm to 100 µm. When it has set, an extremely hard-wearing layer is formed.

SPECIFICATION

Mapecoat CF-AP is suitable for use on a wide range of substrates with varying service requirements. Specific recommendations can be obtained upon request.

APPLICATION PROCEDURE

Surface Preparation

Mapecoat CF-AP shall be applied over clean, dry primed surfaces.

RECOMMENDATIONS

Do not apply Mapecoat CF-AP:

- to wet or damp surfaces;
- to dusty, crumbly or uneven surfaces;
- after the pot-life time

Apply Mapecoat CF-AP:

- in a uniform thickness;
- with a short or medium haired roller

MIXING

Stir each component separately using a slow speed (300-400 rpm) electric drill fitted with a paint mixer. Then pour the entire content of Part B into Part A and continue to mix for 2-3 minutes. Do not mix more than the required amount which can be applied within the stipulated pot life.

It is recommended not to mix more than one pack of Mapecoat CF-AP in a single container.

THINNING

Thin not more than 10% Thinner #5 to improve workability.

METHOD OF APPLICATION

Apply evenly to the entire surface using either brush, roller, airless or conventional spray.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Colour:	Part A : Clear Part B : Brown
Appearance:	Part A : Liquid Part B : Liquid
Colour of the mix:	Standard colour
Finish:	Gloss & Matt
Packing:	5 litres
Shelf-life:	12 months in its original unopened packaging at +25°C
APPLICATION DATA	
Consistency of the mix:	fluid
Substrate temperature relative to dew point:	>3°C above dew point
Recommended application temperature range:	minimum +8°C; maximum +30°C
Pot-life:	20 minutes at +30°C
Cleaning:	Washing thinner
FINAL PERFORMANCE	
Dry to the touch:	4 - 6 hours
Set to light-foot traffic:	24 hours
Final hardening time:	5 - 7 days
Coverage:	0.17 – 0.20 litre/m ² /coat
Temperature resistance:	+80°C (dry)
Mixing ratio:	4:1 by volume (Part A to Part B)
Number of coats:	2

Mapecoat CF-AP

SUBSTRATE REQUIREMENT

The substrate must be solid, mechanically strong, perfectly clean, free of crumbling parts and standing water.

It must be sufficiently cured and have completed most of the shrinkage phase. Preparation may be carried out by sand-blasting, shot-blasting or grinding, according to the condition of the substrate and the successive applications.

The concrete substrate must be strong and sound with a minimum compressive strength of 25 N/mm² and pull of strength of 1.5 N/mm².

PRIMER

Apply **Primer SN** by roller at a rate of 0.1- 0.3 kg/m² depending on the substrate condition. Allow to dry for 8-12 hours.

Recoating Mapecoat CF-AP

Touch Dry : 6 hrs. at 25°C
Maximum Re-coating Time : 24 hrs. at 25°C
Minimum Re-coating Time : 14 hrs. at 25°C

Note:

For best results when spraying, moisture traps should be installed at air inlets to the spray pot to avoid coating contamination. As the Part B is highly sensitive to moisture, it is advisable to use entire content once opened.

STORAGE

The product can be stored for 12 months in its original packaging in a dry place and at a temperature of at least +5°C.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Mapefloor CF AP irritate if they come into contact with the eyes or skin. If the product comes into contact repeatedly with the skin, while working, it may cause rashes in those subjects allergic to isocyanates. While handling and mixing the various components avoid contact with the eyes and skin and always use protective gloves and goggles when preparing and applying the product. Only apply the product in well ventilated areas. Only when used at temperatures above +60 C, Part B maybe become hazardous and irritating if inhaled.

In the case of accidents, seek medical care. Avoid release to the environment.

For further and complete information about the safe use of our product please refer to our latest version of the Material Safety Data Sheet.

FOR PROFESSIONAL USERS.

WARNING

While the indications and guidelines contained in this datasheet correspond to the company's knowledge and wide experience, they must be considered, under all circumstances, merely as an indication and subject to confirmation only after long term practical applications.

Therefore, anybody who undertakes to use this product, must ensure beforehand that it is suitable for the intended application and, in all cases, the user is to be held responsible for any consequences deriving from its use.

**All relevant references
for the product are available
upon request and from
www.mapei.com**

**Mapecoat
CF-AP**

CF AP-11-2011

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