

COLTURA EP FLOORING EVO 1MM

DESCRIPTION

Three-component, solvent-free, self-leveling epoxy floor coating

PRINCIPAL CHARACTERISTICS

- Self-leveling, semi-thick coating applicable to 1mm
- Good abrasion and impact resistance
- Easy cleaning
- Good chemical resistance
- Antiskid properties can be achieved in several ways
- EDF approved for nuclear industry

COLOR AND GLOSS LEVEL

- A wide range of colors are available
- Gloss

BASIC DATA AT 20°C (68°F)

Data for mixed product	
Number of components	Three
Mass density	1.56 kg/l (13.02 lb/US gal)
Volume solids	98%
VOC (Supplied)	max. 100.0 g/l (approx. 0.8 lb/US gal)
Recommended dry film thickness	1000 µm (40.0 mils)
Theoretical spreading rate	1.0 m ² /l for 1000 µm (40 ft ² /US gal for 40.0 mils) depending on the roughness of the substrate
Dry to touch	14 hours
Dry to walk on	24 hours
Overcoating Interval	Minimum: 24 hours Maximum: 7 days
Full cure after	7 days
Shelf life	Base: at least 12 months when stored cool and dry Hardener: at least 12 months when stored cool and dry Filler: at least 36 months when stored cool and dry

Note:

- The spreading rate is depending on the roughness of the substrate



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RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

Primed concrete

- Suitable primer must be dry and free from any contamination
 - Moisture content should not exceed 4.5%
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Substrate temperature and application conditions

- Ambient temperature during application and curing should be between 10°C (50°F) and 35°C (95°F)
 - Relative humidity during application and curing should not exceed 80%
 - Substrate temperature during application and curing should be between 10°C (50°F) and 30°C (86°F)
 - Substrate temperature during application should be at least 3°C (5°F) above dew point
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INSTRUCTIONS FOR USE

Mixing ratio by weight: base to hardener to filler 14.0:3.1:5.0

- Material temperature should be between 10°C (50°F) and 30°C (86°F)
 - Mix base and hardener with a variable-speed mechanical mixer thoroughly for 1 minute
 - Add the filler while stirring and stir thoroughly for 2 minutes
 - Pour the mixture into another can and mix for 2 minutes, until homogeneous
 - The speed of the mixer should not exceed 800 rpm to avoid air entrapment
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Induction time

0 minute

Note:

- No induction time required
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Pot life

25 minutes at 20°C (68°F)

Trowel / Swedish knife

- Pour an appropriate amount of mixture on the primed concrete and spread it evenly by trowel or Swedish knife
- Use a spiked roller to avoid air entrapment

Recommended thinner

No thinner should be added

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Brush/roller

- Use a spiked roller to avoid air entrapment

Recommended thinner

No thinner should be added

Cleaning solvent

- DILUANT Nº1 Bis
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SAFETY PRECAUTIONS

- See Safety Data Sheet and product label for complete safety and precaution requirements
 - Although this is a solvent-free paint, care should be taken to avoid inhalation of spray mist, as well as contact between the wet paint and exposed skin or eyes
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WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective & Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

REFERENCES

- Information sheet | Explanation of product data sheets
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