

OROLUR 380

EPOXY FLOOR PAINT

Catalyzed at 4:1 ratio by weight with **OROCAT 734**

Two pack water-based epoxy enamel with excellent mechanical and chemical properties. Quick drying and good curing reaction, up to temperatures of 10°C. Recommended for indoor concrete and cement floors painting, specially when low odour is required

Physical parameters	Base OROLUR 380	Catalyst OROCAT 734
Viscosity (Brookfield sp6 10rpm)	150-300" (Ford coup n° 4)	1800-2200 cPoise(Brookfield sp6 10rpm)
Specific gravity	1,35-1,620 g/CC(Depending on colour)	1,12-1,17 g/cc
Solids content	57-67%(Depending on colour)	99%
In-can appearance	Viscous liquid	Viscous liquid
Stability	12 months at 10 – 25°C	12 months

Characteristics of the mixture	
Mix ratio	4:1 by weight (OROLUR 380 : OROCAT 734)
Viscosity of the mixture	-"
Specific gravity of the mixture	1,25 – 1,50 g/CC(Depending on colour)
Solids content	65-75%(Depending on colour)
Colour	White, Consult rest of the colours)
Dry film appearance	Low odour finish with good resistance and excellent hiding power
Spreading rate	6-8 m ² / Kg (135 – 170 g/m ²)
Gloss	60-80%
Adherence	100%
VOC	<10 g/L Directive 2004/42/CE: Limit value (2010) for this product (sub. cat. A/j): 140 g/L
Pot life of mixture	90 minutes

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Product	Product code	Brand	Author	Date	Version	Replaces	Page	Language
OROLUR 380	03R380XXXZZZ	OROPAL	IRURENA GROUP	03.01.24	1	Any previous version	1/2	EN

Product use information

Surface	Cement, Concrete
Surface preparation	The surface should be dry and well set. Without stains, salts or cracks., clean and dustless and not polished. Surface may have up to an 8% of humidity but it can not be wet.
Product preparation	Never apply at temperatures below 10°C nor relative humidity above 70%. Stir thoroughly the contents of the container with a spatula. Make the mixture (by weight) 4 parts of OROLUR 380 (Base) to 1 part of OROCAT 734 (Catalyst) It is essential to keep the area ventilated during the application and the drying eperiod to avoid condensation that may cause superficial problems,
Application method	Brush, Roller, spray
Dilution	Dilute always with a 5% of water
Application	Apply 1 coat with product diluted with a10% of water(40 µm) 2 coats of the product diluted with a 5% of water(60-70 µm)
Drying	Touch drying time: 4 hours Maximum hardness: 7 days (at 20°C and relative humidity of 60%) Drying time is very influenced by the dry film weight, type and state of the substrate and weather conditions.
Recoatable	12-24 hours
Cleaning	WATER

Application process

Cement, Concrete

Primer

OROLUR 380

Top coat

OROLUR 380

Additional information

Safety	Consult package labelling. For further information, ask for the Material Safety Data Sheet
Storage	1 year

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