

# EPODUX 294

Epoxy phenolic coating

## DEFINITION

Epoxy phenolic topcoat

## INTENDED USES

*Substrate(s)* : Adapted primer

*Exposure(s)* : Indoor

## PRINCIPAL CHARACTERISTICS

Quick drying.

Chemical resistance (1)

Resistance to dry heat : 150°C continuous and up to 200°C as peak temperature (2)

## CERTIFICATIONS / APPROVALS

EDF




## COMPATIBILITY

PREVIOUS COAT(S)*	SUBSEQUENT(S) COAT(S)*
Itself EPODUX 291 EPODUX 292 EPODUX 292 CM.	Itself.

\*For any product not mentioned in compatibility lists, contact our technical support.

## TECHNICAL DATA

NUMBER OF COMPONENTS	2
GLOSS LEVEL	Satin
COLOURS	according to RAL color charts and AFNOR
MIXING RATIO	weight : 89,7/10,3 volume : 85/15
SPECIFIC GRAVITY	1,42 +/- 0,05 g/cm <sup>3</sup>
SOLIDS CONTENT	weight : 79,3 +/- 2% volume : 67,4 +/- 3%
TYPICAL THICKNESS (DRY)	50 µm
RECOMMENDED WET FILM THICKNESS	75 µm
THEORETICAL SPREADING RATE	13,5 m <sup>2</sup> /l for 50 µm dry
AFNOR RATING NFT 36 005	Family I Class 6b
VOC (Directive 2004/42/EC)	Cat. A/i : 500 g/L (2010) 380 g/L VOC
VOC IN INDOOR AIR	 * Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).
PACKAGING	15 L - 5 L

Specific gravity, solid content by volume and by weight are given for mix A+B, without thinner and on the white base for all topcoat. Liquid characteristics of products are given at 20°C.

## DRYING TIME - OVERCOATING INTERVAL

FILM THICKNESS 50 µm dry	POT LIFE	DRYING TIME		OVERCOATING INTERVAL		READY FOR USE
		Touch dry	Hard dry	Minimum	Maximum	
10°C	6 hours	15 hours	20 hours	24 hours	120 days	14 days
20°C	3 hours	6 hours	10 hours	12 hours	90 days	7 days
30°C	1 hour and 30 mn	2 hours and 30 mn	4 hours	6 hours	60 days	5 days

Introduce thinner may affect pot life. Dilution, relative humidity and aeration could affect drying time.

## EPODUX 294

### INSTRUCTIONS

All surfaces must be clean, dry and contamination-free before painting.

#### SURFACE PREPARATION

SUBSTRATE(S) :	RECOMMENDED
Adapted primer	The surface must be clean, dry and previously coated by compatible layers. See paragraph « Compatibility »

#### APPLICATION CONDITIONS

MIXING	The product is sold as pre-prepared kits. For the hardener portion in the base coat container and mix. Take care not to create air bubbles. The minimal recommended temperature of the mixture must be at least 10°C, or a thinner may be required in order to achieve adequate viscosity. Please note that an excessive amount of thinner may induce a dripping phenomenon.		
INDUCTION TIME	None		
WEATHER CONDITIONS	Room temperature Relative humidity	: :	The temperature should be between 5°C and 40°C 85% maximum
TEMPERATURE	Of substrate Of product	: :	Between and +5°C and +40°C and at least 3°C higher than the dew point in order to eliminate any risk of condensation. Between and 7°C and 35°C
TECHNICAL NOTE	Do not keep the spraying equipment loaded for longer than the lifespan of the product in a container. Rinse the equipment with the 67-232 v02 thinner and rinse thoroughly with a cleaning solvent. The container containing the prepared and unused mixture must not be hermetically sealed. In case of prolonged interrupted use, it may be preferable to prepare a new kit.		

Early exposure to condensation or rain could provide a change of gloss and/or shade.

#### APPLICATION

APPLICATION EQUIPMENT	DILUTION*	NOZZLE	PRESSURE AT NOZZLE	MINIMUM PUMP RATIO	REMARKS
AIRLESS SPRAY	0 to 7,5 %	0.015-0.017 (inches)	150-200 bars	45 : 1	-
AIR SPRAY CONVENTIONAL	7 to 15%	depending on equipment	3-4 bars	-	-
BRUSH	7 to 15%	-	-	-	(3)
ROLLER	7 to 15%	-	-	-	(3)
THINNER	67-232 v02		CLEANING SOLVENT	67-232 v02	-

\* Dilution rate % are indicative and should be adapted to atmospheric conditions and site specific conditions. Excess of thinner could involve sagging effect and lost of opacity.

Remark(s)

- (1) Consult our technical services regarding the solution used.
- (2) A change in color may be observed, however, it does not affect the characteristics of the paint film.
- (3) For pre-touching and small surfaces only.

### HEALTH AND SAFETY

Flash point	: BASE between 23°C and 55°C HARDENER between 23°C and 55°C
Shelf life	: DLUO : 3 years minimum in original full, sealed packaging . Store in a cool, ventilated place.
Precautions	: Refer to the current material safety data sheet(SDS).
Transport and labelling	: Refer to SDS according to European directives.
Waste Management	: Soiled Industrial wastes. For more information, please refer to SDS.