



SPRAYABLE FILLER 700

FINISHING FILLER
Two component

Edition décembre 07

FINISHING FILLER/PRIMER EPOXY VERY HIGH SOLIDS,
LOW DENSITY. APPLICABLE IN HIGH THICKNESS FILM.
SPATULABLE AND SPRAYALABLE.
SUITABLE FOR APPLICATIONS IN IMMERSION

FEATURES

- SPRAYABLE FILLER 700** is a flexible epoxy system two component with high solids and low density (< at 0,7)
Good resistance in immersion, **SPRAYABLE FILLER 700** can be applied under the waterline
- Very good bonding on epoxy filler, and all type of composite.
 - Applicable in high thickness film per coat with gravity gun, Airless, Air Mix or Pressure tank
 - Excellent recoatability in short time
 - Easy sandability 1 hour after a stoving at 40°C for a thick of 500 to 700 dry microns (total 2 crossed coats of 250/350 microns wet on wet)
 - Can be sand with a large variety of grits
 - Can be recoated without sanding between 1 to 72 h
 - No contains hydrophiles charge
 - Excellent temperature resistance.

RECOMMENDED USED

SPRAYABLE FILLER 700 is an ideal light filler to :

- Finish the MIX FILL coat,
- Application without dilution with spatula for thick < at 3 mm
- Osmosis treatment
- Prepare the surfaces before primers to receive lacquers (light or dark)
- assure une stabilisation des fonds

Le **SPRAYABLE FILLER 700** is compatible with systems MIXFILL 10, 30 , 100, 300, SPRAYABLE FILLER 500, EPOXYGUARD 455, EPOXY PRIMER EP 211 , UNDERCOAT EP 213, EP 215 HB and FILLER PU 228 HB or l'INTERFACE EPU 221

SPECIFICATION DATA

COATING TYPE : Epoxy filler

COLOR : Cream

GLOSS : Semi-gloss

COMPONENT : Two component

COMPONENT RATIO :

- Weight :
- Volume : 3 Base / 1 Hardener

INDUCTION TIME (at 20°C) : 5 minutes
Beyond 25 °C: Nothing

POT LIFE (à 20°C) : 30 minutes for a kit of 4 L no diluate

THINNER : EP N° 3 or N° D 347 for application on polystyrene

DENSITY AT 23°C : 0,7 approx.

VOLUME SOLIDS : 95% +/- 3%

VOC :

THEORITICAL SPREADING RATE :
0,4 to 0,45 Sq.m/L depends on thinning for 500 dry microns

RECOMMENDED FIL THICKNESS PER COAT (spray):

Dry : approx. 500 to 700 microns (2 to 3 crossed coat)

Wet : approx. 520 to 730 microns

RECOMMENDED FIL THICKNESS PER COAT (spatula) :

Dry : 800 to 1500 microns (1 coat)

Wet : 840 to 1580 microns

DRY TIME (at 20°C – 50 to 60 % HR) :

Dustfree: 30 minutes

To handle : 4 hours

To sand : 24 to 36 hours depends on film thickness and thinning

DRY TIME TO RECOAT (at 20°C – 50 to 60 % HR) :

Minimum : 1 hour for 250 microns – 12 hours for 500/700 microns

Maximum : 72 hours without sanding, (if more, sanding)

TEMPERATURE RESISTANCE : 120°C

SURFACE PREPARATION

All surfaces to be coated must be free of grease, dust, water marks, moisture.

SPRAYABLE FILLER 700 must be applied over a compatible primer or directly on epoxy filler or on sanding composite or directly on peeltex

For application on polystyrene foam masters, it is possible to apply the **SPRAYABLE FILLER 700** directly with a spatula. If it is pulverized, you must **ONLY** use thinner **D 347**. It is recommended to test in advance and valid on a sample before application, because the foams do not all react in the same way.

Le **SPRAYABLE FILLER 700** can be applied over primers 140, 211, le WOOD IMPREG 120, undercoat SF 500, EP213 and 215 HB. It can be recoat by itself and systems SF 500, EP213 and 215 HB. EPOXYGUARD 455 EPU EPU 221, PU 228.

For all other types of recoat, consult our technical department.

MIXING AND THINNING

Before mixing the two components, mix carefully separately the base and the hardener during at least 5 minutes to obtain a smooth, homogeneous condition.

After 5 minutes, if necessary (if the temperature is < than 20°), it is possible to dilute from 0 to 15% with EP N°3, depending on application conditions or method.

APPLICATIONS

APPLICATION METHOD		THINNING	TIP SIZES	PRESSURE
SPATULA	YES	N.A.		
SPRAY GUN	YES	5 to 12%	2 to 3,5	3 to 4 BARS

CONDITIONS FOR APPLICATION :

Optimum : 20 to 25 °C for 50 to 70 % HR

Limit : 18 to 35°C for 30 to 80 % HR

The substrate temperature must be at least 3°C above the dew point to avoid any condensation - consult the conversion table available at Map Yachting.

VISCOSITY : high viscosity

PRECAUTIONS AND SHELF LIFE

See the material safety data sheet and product label for complete safety and precaution requirements

PACKAGING : KIT 1,2 and 4 Liters (kit 12 Liters for order superior at 200 L)

CLASSE AFNOR : NC

CLASSE ONU : 1263

SHELF LIFE : 12 months in original unopened cans at + 5 and + 35 °C away from humidity - 9 months in tropical climate

FALSH POINT : > 21°C

LABEL : Base = Xi : irritant

Hardener = F : Highly Flammable



MAP YACHTING
Zone Athélie IV
296 av. de la Tramontane
13 705 LA CIOTAT Cedex

Tél : + 33 (0)4 42 98 14 50
Fax : + 33 (0)4 42 98 14 51
E-mail : sales@map-yachting.com
Web : www.map-yachting.com

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