



MIX FILL 100

**FREE SOLVENT EPOXY FILLER FILM THICKNESSES
INFERIOR AT 10 mm
VERY EASY SANDABILITY**

EPOXY FILLER
Two component

Edition December 07

FEATURES

Epoxy filler **MIXFILL 100** is an epoxy system filler with very high mechanical performances

The filler **MIXFILL 100** is an light epoxy filler wich can be formulated under vaccum with high technology components. (approx. 0,6/0,7) and obtains:

- Excellents application properties
- Easy to apply with spatula
- Excellent sandability
- Low loading of abrasive
- Thin film
- No polution of surface
- No withdrawal in drying time
- Economic
- Excellent temperature and chimic resistance
- Good flexibility
- Good work time for all applications conditions (3 hardener – standard – fast –tropical)
- Low exothermy with high thickness
- Excellent resistance abrasion
- Same component ratio in weigth or by volume

RECOMMENDED USES

Epoxy filler **MIXFILL 100** has been developed for refit yachts hulls, masters, and osmosis treatment.

Epoxy filler **MIXFILL 100** accept to be applied under and above the water line

Epoxy filler **MIXFILL 100** can be applied directly without sanding (if dry time to recoat is respected) on systems :

- EPOXY PRIMER EP 211
- AEROPRIM EP 140
- UNDERCOAT EP 213/215 HB

Epoxy filler **MIXFILL 100** accept to be recoated by :

- SPRAYABLE FILLER 500 or 700
- UNDERCOAT EP 213 HB – EP 215 HB
- Directly after sanding, by himself and all MIXFILL systems

The filler **MIXFILL 100** can be applies after sanding on :

- On composite epoxy, polyester, vynilester
- On wood and plywood

SPECIFICATION DATA

COATING TYPE: Finish epoxy filler

COLOR : Grey

GLOSS : Matt

COMPONENT : Two component

COMPONENT RATIO :

- Weight : 100 Base / 50 Hardener
- volume : 2 Base / 1 Hardener

INDUCTION TIME (500 g at 30°C) :

- With winter hardener: 15 minutes approx.
- With standard hardener: 20 minutes approx.
- With tropical hardener: 30 minutes approx.

POT LIFE : 1 hour approx.

- With winter hardener at 15°C
 - With standard hardener at 20°C
 - With tropical hardener at 30°C
- (for 500 ml of mixture)

DENSITY AT 20°C : < 0,7

VOLUME SOLIDS : 100 %

VOC : solvent free

THEORETICAL SPREADING RATE:

1 liter / Sq.m

RECOMMENDED FILM THICKNESS PER COAT :

Less than 10 mm

WORK TIME :

- (at 50 to 60 % HR for 3 mm) : approximately 2 hours
- With winter hardener at 15°C
- With standard hardener at 20°C (90 minutes at 25°C)
- With tropical hardener at 30°C

DRY TIME :

- (at 50 to 60 % HR for 3 mm) :
- sanding : 24 hours with winter hardener at 15°C
- sanding : 20 hours with standard hardener at 20°C
- sanding : 16 hours with standard hardener at 25°C
- sanding : 15 hours with tropical hardener at 30°C

SURFACE PREPARATION

All surface to be coated must be free of grease, dust, dry spray, moisture.

MIXFILL 100 can be recoated by itself and all solvent free fillers after sanding and rust removal. And on epoxy composites, polyester, vynilester, wood and CP

Solvent free filler must be sanding and rust removal imperatively before all application.

MIXFILL 100 is compatible with fillers MIXFILL 10, 30, or 300, and systems EP 211, EP 140, EP 213/215 HB, EPOXYGUARD 455, EP 200, epoxy filler MIX FILL 30, 300, intercoats Sprayable Filler 500/700, EPU 221, PU 228, polystyrene foam, PVC, polyurethanes

For all others type of recoated, and for aluminium, zinc, galvanized preparation surfaces, or all surfaces already paint, contact our technical department.

MIXING AND THINNING

Mix slowly by volume or weight, 2 parts of base with 1 part of hardener to obtain a smooth and homogeneous mixture

The color of the mixture must be uniform, without dominant color in one of the two parts in the mixture.

No thinning.

Clear thinner : Mek, Acétone, Alcool, Thinner EP N°3 & EP N° 17

Free solvent epoxy primer should be sanded and free of dust before application.

APPLICATIONS

APPLICATIONS METHOD		THINNING	TIP SIZES	PRESSURE
SPATULA	YES	NA	-	-
REGLE	YES	NA	-	-
SPRAY GUN	NO	NA	-	-
AIRLESS SPRAY	NO	NA	-	-

CONDITIONS FOR APPLICATION :

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

Limit : 12 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 : THICK FILLER

PRECAUTIONS AND SHELF LIFE

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

PACKAGING : KIT of 1,2 or 6 Liters (KIT 30 L on order)

CLASSE ONU : Base : 3082 Hardener : 2735

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

FLASH POINT : 26°C

LABEL : Base = Xi : Irritant N : Dangerous for the environment Hardener = Xn : Harmful



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