

Massa EPH 920 uses specially selected raw materials, showing an outstanding performance in high performance systems. Also, it is applicable thickness of up to 2 mm. This is an ecological product, high solids, and low VOC.

TECHNICAL CHARACTERISTICS

TYPE

Epoxy filler, two pack system.

USAGE

As coating for carbon steel and concrete surfaces. It is indicated for interior of tanks (please contact our Consultants), confined areas and floors.

TECHNICAL INFORMATION

COLOR	White	Other colors, please consult.	
FINISH	Semiglossy		
VOLUME SOLIDS	93% ± 2	According to ISO 3233	
WEIGHT PER LITER	1,450 ± 0,05 g/ml	According to ASTM D 1475	
VOC	72,5 g/l	This value may vary to each color	
FLASH POINT	>50°C		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	4,0
	Comp. B	22,0	1,0
POT LIFE (25°C)	1 h		
INDUCTION TIME	Not applicable		
THEORETICAL SPREADING RATE	1,9 m ² /l - 500 µm 0,5 m ² /l - 2000 µm		
WET THICKNESS	540 µm to 2150 µm		
DRY THICKNESS	500 µm to 2000 µm		
DRYING TIME, for 500 µm		25°C	
		Minimum	Maximum
	Handle		10h
	Recoat	18h	72h
ENVIRONMENTAL CONDITIONS	Temperature	Should be between 0 to 40°C.	
	Relative Humidity	Between 30 to 85%	
	Dew Point	Surface temperature is at least 3°C above dew point	
	Thinner	420.0000	
APPLICATION	Brush	Dilute up to 3% (vol.) with recommended thinner.	
	Spatula	Dilute up to 3% (vol.) with recommended thinner.	
	Straightening machine	Dilute up to 3% (vol.) with recommended thinner.	



SURFACE PREPARATION	Direct over carbon steel	Blast cleaning ISO 8501-1 Sa 2 ½ minimum for immersed areas. St3 treatment for small areas and repairs is acceptable. Applicable over ultrahigh pressure water jetted steel surfaces that tolerate flash rusting and residual humidity on metal or concrete surfaces, provided they don't present stains or water puddles. The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust and other kind of contaminants.
	New Concret	If concrete is new, use a solution of muriatic acid at 10% to neutralize it. Then wash it abundantly with water; let it dry, and apply the product.
	Aged Concret	Please, contact our Consultants.
	Recommended Primers	If sealer or primer is needed, please contact our Consultants.
	Coated Surfaces	The surface must be clean and free of contaminants as oils, fat, grease and dust. Must not present peeling's areas. Proceed light sanding (220) to break the gloss.
	Recommended TopCoat	Not applicable

SHELF LIFE 12 months

UN NUMBER 1263

HAZARD NUMBER 33

IMPORTANT RECOMMENDATIONS

1. The practical spreading rate of the product varies according to the applied thickness, application method and techniques, type and rugosity of the surface and ambient conditions.
2. The weight/l, viscosity and drying values were obtained in laboratory at a temperature of 25°C. At an altered temperature, the results might be different from the specified ones.
3. After homogenizing the product, it is advisable to pour it into a tray for a longer pot life.
4. Agitate vigorously until completely homogenized, or else, some areas of the film may not polymerize. Apply the product right after agitation.
5. It can be sanded 18 hr to 24 hr after application. Keep in mind that this condition cannot be compared to that of other acrylic fillers.
6. Low temperatures increase curing time. For temperatures below 10°C, contact our Consultants.
7. Pot life is shortened by higher temperature and by the increase of catalyzed volume.



SAFETY PRECAUTIONS

1. Improper use and handling of this product can be hazardous to health and cause fire or explosion. Do not use it without first taking all appropriate measures to prevent property damage and injuries.
2. Storage: keep the product in sheltered, well-ventilated areas. Maximum temperature: 40° C. Must not be directly exposed to the sun.
3. Flammable: flammable product, which must be kept distant from ignition sources, and do not smoke nearby.
4. Inhalation: Avoid breathing vapors, keeping proper ventilation during application and drying.
5. Handling: wear proper protective clothing and masks, goggles, etc. Do not eat or drink nor allow children and animals to be near the application area.

HEALTH HAZARDS

1. Skin contact: wash affected area thoroughly with neutral soap.
2. Clothing contact: remove clothing and wash it.
3. Leakage: Isolate the area, and do not smoke nearby. If large quantity leaked in confined area, wear protective masks. Do not inhale vapors. Stop leakage with sand, sawdust or soil, and transfer liquid and solid to separated recipients for disposal.
4. Fire: protect non-affected recipients with water spray. Extinguish fire using carbon dioxide, foam or dry chemical.
5. Eyes contact: flush eyes with large amounts of clean water for at least 10 minutes, and get medical attention immediately.

IMPORTANT: For further information consult the product MSDS (Material Safety Data Sheet).
