

Massa EPH 920 uses specially selected raw materials, showing excellent resistance to humidity and an outstanding performance in high performance systems. This is a high build, self leveling and ecological product, No VOC - Solvent Free .

TECHNICAL CHARACTERISTICS

TYPE

Modified epoxy filler, two pack system.

USAGE

As coating for carbon steel and concrete surfaces (only horizontal areas). It is indicated for leveling coating to cover floors imperfections and rejoinings, also for steel lids with alveolus and corrosion pites. It may be applied in confined areas, reducing drastically the hazards.

TECHNICAL INFORMATIONS

COLOR	White		
FINISH	Satin		
VOLUME SOLIDS	100%	According to ASTM D 2697	
WEIGHT PER LITER	1,650 ± 0,05 g/ml	According to ASTM D 1475	
VOC	No VOC		
FLASH POINT	>100°C		
MIXING RATIO		Weight	Volume
	Comp. A	100,0	3,8
	Comp. B	15,0	1,0
POT LIFE (25°C)	1 h		
INDUCTION TIME	Not applicable		
THEORETICAL SPREADING RATE	0,3 m ² /l - 3.000 µm		
WET THICKNESS	3.000 µm		
DRY THICKNESS	3.000 µm		
DRYING TIME, for 3.000 µm		25°C	
		Minimum	Maximum
	Touch		10h
	Recoat	10h	72h
ENVIROMENTAL CONDITIONS	Temperature	Should be between 0 to 40°C.	
	Relative Humidity	Between 30 to 90%	
	Dew Point	Surface temperature is at least 3°C above dew point	
	Thinner	Not applicable. Thinner 420.0000 or 440.0000 may be used to clean the equipment.	
APPLICATION	Brush	It is not necessary dilution. This method must be used only for retouch.	
	Spatula	It is not necessary dilution.	
	Trowel	It is not necessary dilution.	



SURFACE PREPARATION

Direct over carbon steel	Blast cleaning ISO 8501-1 Sa 2 ½ minimum is recommended. The surface must be dry, free of contaminants such as salt deposits, oil, grease, fat, dust and other kind of contaminants. If necessary, coat with suitable primer.
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New Concret	Use a solution of muriatic acid at 10% to neutralize it. Then wash it abundantly with water; let it dry, and apply the product.
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Aged Concret	Please, contact our Consultants.
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Recommended Primers	If sealer or primer is needed, please contact our Consultants.
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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.
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Recommended TopCoat	Not applicable
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SHELF LIFE	12 months
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UN NUMBER	1263
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HAZARD NUMBER	33
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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. If recoat time exceeds, sand the surface to increase its rugosity.
 4. At time of application, after mixing the product, it is recommendable to pour it into a tray for a longer pot life.
 5. Agitate vigorously until completely homogenized, or else, some areas of the film may not polymerize. Apply the product right after agitation.
 6. If relative humidity is superior to 90%, or if there is water condensation, the film cure will occur before expected.
 7. Low temperatures increase curing time. For temperatures below 10°C, contact our Consultants.
 8. Pot life is shortened by higher temperature and by the increase of catalyzed volume.
 9. Due to the errors inherent in any type of test, it is normal to have a variation of up to 2% volume solids.
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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).
