



EPOXY MASTIC – RAPID SETTING EPOFIX

EPOFIX SACHET is used for repairs and for caulking, both above and below the water line in the yachting area. It is an epoxy mastic, used for the repair of broken or damaged parts - pipes, laminates, etc. It becomes as hard as stone, and can be used underwater without difficulty. It adheres to wood, steel, aluminium, polyester, lead, etc. When dry, it can be machined, sanded, painted, etc.

PHYSICAL CHARACTERISTICS

	Component A	Component B
Colour:	Grey	White
Specific weight:	1.73 + 0.03	1.76 + 0.03
Mixture:	1 part	1 part
Colour:	Grey	
Specific weight:	1.75 + 0.03	
Flash point :	>250°C for compound A	>150°C for compound B
Dry extract:	100%	
Pot life (40g) :	3 to 4 minutes at 20°C	
Hardening time:	30 minutes at 20°C	
Shore A hardness after 1 hour:	75 at 20°C	
Shore A hardness after 24 hours:	78 at 20°C	
Resistance to heat after 24 hours drying time:	60°C	

Resistance to solvents :

Aliphatic solvents:	Excellent
Aromatic solvents:	Excellent
Ethers and cetones :	Softens
Concentrated alkalis:	Excellent
Concentrated detergents:	Excellent

Resistance to hot water : No unsticking after up to 7 days at 70°C. Then the product softens a little, and Shore A hardness goes down to 60.

Mechanical strength (application to iron substrates)

To cutting:	82 kg/cm ²
To traction:	112 kg/cm ²
To pressure:	15 cm/kg

PREPARATION OF SURFACE

The surface must be clean and dry. Remove all traces of greases and dust in order to guarantee perfect adhesion. Sand the area to be repaired.

APPLICATION

- Using scissors, cut out equal parts of products A and B. Knead the two components together like modelling paste, for 2 minutes at least, to obtain a homogeneously grey coloured material with no marbling. Apply this mixture to the part to be affixed or repaired. It can be applied even under water, where it will continue to harden after application.
 - Cover the remainder of the material with aluminium foil so that it will keep well.
 - To aid with the kneading process in cold weather, the two components should be warmed beforehand, by placing them in sunlight or near a heat source.
 - When application has been completed, it is recommended that the hands be washed. In the case of sensitive skin or where the mastic is used frequently, it is recommended that a protective cream or gloves be used.
 - In order to create seals or to plug holes, it is important to ensure that the **EPOFIX** penetrates correctly by exerting sufficient pressure on it. Good results are obtained using a spatula, which can also be used for final smoothing.
 - When applied at an ambient temperature of 20°C, final hardening is achieved in 2 hours. From then on, **EPOFIX** can be filed, sawn and sanded without problem.
- The product attains all of its final characteristics in 48 hours.

PACKING AND STORAGE

Packaging :56 g

PRECAUTIONS FOR USE

Does not present any inhalation danger unless mixed with other products.
Non-irritant to eyes or skin.

If splashed into the eyes wash copiously with water and consult a specialist.

After contact with the skin, it is recommended that you wash well with soap and water using a pumice stone. Do not leave the product to harden on the skin. For people with sensitive skin, gloves are recommended. In contact with water, the product hardens and has no harmful effect on the environment.

HEALTH AND SAFETY

See data sheet

This information corresponds to the actual state of our knowledge and has the sole object of informing you about our products and possible applications. It is objectively given but does not imply any guarantee by us.

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