

TECHNICAL SHEET

PRODUCT: Metallic putty DURCO FO

Description:

Poliester metallic putty. Repair all kind of defects in iron and steel castings. Easy to apply and grind/sand-papering.

Excellent resistance/adherence, high strength and quick curing time.

Characteristics:

- Easy application
- Can be apply in every kind of iron and steel castings
- Short curing time: 25 minutes
- Can be painted over
- Can be machined

Physical Properties: (20°C)

Type of product	Metalic poliester mastic
physical aspect	Paste
Colour	metalic grey
Viscosity	Paste
Curing time	30 minutes at 20°C
Streghtness	330HB
Contraction after cured	No contraction
Paste / Hardener percentage	30: 1
Pot Life at 20°C	20 minutes
Reapplication time	5-20 minutes
Density	1472 at 20/4°C
Specifc volume	1,85 grm/cc at 20C°
Maxim temperature	120°C
Steam preasure	3,1 Kpc at 50°C
Optimal temperature for application	Min 5 - max 40C°
Corrosovity	No corrosive for metals
Test done	
Strengthness measure wit a digital Proceq HB (AC2)	

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Application:

Clean the surface to be repaired

Use Peroxid of Benzoilo as hardener:

Temperature vs % of hardener

Application Temperature	% of hardener
<10 C°	3 – 3,5%
10- 20 C°	2– 2,5 %
>20 C°	1,5 – 2%

IMPORTANT: Take out from the can the quantity you want to apply. Mix properly the paste and hardener during 5-10 seconds

Once mixed, **Apply** the mastic, better with a spatula in a way that the mixture can be smoothly adhered to the surface to repaire. Repeat it if necessary.

Leave cure during 25 or 30 minutes. Can be manually sandpapered (P120-180-240) and edges (P320). If the casting will be machined, wait 2 hours before machining it.

Painted: Once cured and sandpapered/grinded, clean the surface before painted.

Shelf life (temperature 5-40°C):

12 months

Please, read the MSDS of the product before use it.

INDUSTRIAL APPLICATION ONLY