

TECHNICAL DATA SHEET

M 8215 Plastic steel (plastická ocel)

Product description:

IA M 8215 is two component product, fast curing in cold, metal filled epoxy resin.

Typical using:

IA M 8215 is suitable for bonding of a broad range of different surfaces incl. steel, aluminum, PVC, polycarbonate and zinc-coated iron. IA M 8215 offer an excellent cohesion, solidity and elasticity. It is specially suited for using in engineering, can industry and repair business because of its high chemical durability. IA M 8215 is advised for steel castings, conduits, pump casing, damaged flanges, keyseats of cast-iron components etc.

Advantages:

- **Good temperature resistance**
- **Easy to use**
- **High chemical resistance**
- **Viscous**
- **Fast curing**

Application methods:

- Clean and degrease bonded surfaces /S1950/, remove dirt, dust and another impurities.
- Mix the same quantity (weighted and voluminous) of both components and thoroughly mix.
- Apply to 1 surface and put both surfaces together under a small pressure.
- Leave it to cure at room temperature.

Typical adhesive characteristics:

Physical form	: viscous fluid
Chemical type	: component 1: peoxid component 2: polyamid
Colour	: component 1: black component 2: white
Density	: component 1: 1,90-2,00 component 2 : 1,70-1,80
Hardness Shore D 24 hours	: 80-90
Viscosity /poise @ 25°C/	: component 1: 5 000 - 10 000 component 2: 4 000 - 9 000
Mixture proportion	: 1:1
Gelatination time	: 15 minutes, complete curing at 1 hour
Temperature resistance	: - 40 + 120°C

Typical commissure characteristic:

	DN/mm ²
Overrunning shearing strength – 1“ overrun, no gap, 1 hour of curing, degreasing MS	: 126
Overrunning shearing strength – 1“ overrun, no gap, 24 hours of curing, degreasing MS	: 175
Overrunning shearing strength – 1“ overrun, no gap, 72 hours of curing, degreasing MS	: 169
Overrun in shearing, degreasing MS, 0,5 mm gap, 24 hours	: 184
MS purified by steel sand blasting	: 228
Degreasing aluminum	: 59
Aluminum purified by steel sand blasting	: 150
Polycarbonate	: 22
Wood /ramin/ /wood was broken/	: 77
PVC	: 8
(MS - mild steel , fat-extracted S 1950)	

Packaging

IA M 8215 is supplied in 25 ml syringe cartouches

Storage

If the product IA M 8215 is dry placed in closed vessels stocking at the temperature between 5 and 25°C, storage life will be 12 months.

Health and safety

This Technical data sheets doesn't contain MSDS. Read IA M 8215 MSDS before using.

Dodává :



HF MARKET s.r.o., PLEŠNICE 25
Tel. 377 279 254-55
Fax.: 377279 260
E-mail: hfmarket@hfmarket.cz
www.hfmarket.cz

