



TECHNICAL INFORMATION

Product : RUBBER REPAIR FR909/N60 PASTE is a two component, ambient temperature curing compound with excellent flexibility, good tear strength and abrasion resistance.

Colour	:Resin - Black :Hardener - Brown
Mixing Ratio	:By Weight - 100 pts Resin : 22 pts Hardener :By volume - 100 pts Resin :18 pts Hardener : Mix resin and hardener for 3 minutes.
NOTE	: Increases in temperature will shorten the working time and setting time. : Decreases in temperature will extend the working time and setting time : Mixed Resin 1,04 - 1,05 g/cm ³ : Mixed Resin - Thixotropic Paste : 1mm thick application - 0,6m ² /kg : (Pot Life) 150g mix / 25°C = 5- 7 minutes : 150g mix = 10 minutes : 150g mix = 17 minutes : 2mm thick application = 20 - 25 minutes : 2mm thick application = 50 - 60 minutes : 0,6 m ² / kg
Specific Gravity/ 25°C	
Viscosity/ 25°C	
Coverage	
Practical Working Time	
Geltime/25°C	
Geltime/5°C	
Setting time /25°C	
Setting time / 5°C	
Coverage	

TYPICAL CURED PROPERTIES

Hardness after 24 hours	: Shore A 60-62
7 days	: Shore A 65-70
Hardness at 80°C	: Shore A 80
Tensile	: (DIN 53504) 3-4 Mpa
Strength	: (DIN 53504) 260 - 270%
Elongation at break	: (DIN 53453) .10KJ/m ²
Impact resistance	: 3-4 MPA
Tear propagation resistance	: 1,5 – 1,9 Mpa
Modulus @100%	: 3,5 MPa
Modulus @300%	: (DIN 53516 mm ²) 350 - 450
Abrasion	: 80-90°C
Heat Resistance	: To cleaned and roughened metal, concrete,
Adhesion	

rubber, PVC and plastic – Good

Typical Properties : Once mixed, FR909/N60 Paste produces an ambient temperature curing high grade rubber with a shore A hardness of 60-65. The product shows excellent flexibility combined with good tear strength and abrasion resistance. FR 909 /N60 can be used for indoor and outdoor applications, both above & below ground.

TYPICAL APPLICATIONS AND USES

FR909/N60 paste has been formulated for applications on vertical or horizontal surfaces for “on-the-spot ” conveyor belt and rubber repair. e.g holes, tears, splits, cracks, sealing joints, preventing spillage, and covering metallic fasteners, repairing marine fenders, floating hoses, miscellaneous rubber repairs etc.

HANDLING PROPERTIES

FR909/N60 paste has a very low irritation potential at room temperature. However, good industrial hygiene must be observed. Details can be found under *Precautions For Use*.

STORAGE STABILITY

FR909/N60 Hardener is moisture sensitive. Material must be stored under dry and cool conditions in tightly sealed containers. Prolonged exposure to temperatures in excess of 40°C must be avoided.

NOTICE

The technical specification and/or our technical advice whether verbal, in writing or by trials is given in good faith and based on our test results obtained, but without warranty. It does not release the user from the obligation of testing the products supplied by us or by any third party as to the suitability of the intended application. The application, use and processing of the products are beyond our control. PATENT APPLICATION NO. 86/4152.