



FOURTHANE SILVER PULLEY

FOURTHANE® | SILVER PULLEY F-6700





RECOGNITIONS

GANADOR 2013
pro|CHILE
Innovative Entrepreneurship



GANADOR 2012 - 2013
**Mejor Innovación
Industrial en Chile**



**OUR MISSION IS TO PROVIDE QUALITY,
SUSTAINABLE, INNOVATIVE, AND WORLD-CLASS
PRODUCTS AND SERVICES THAT ENSURE
THE AVAILABILITY AND RELIABILITY
OF MINING AND INDUSTRIAL PRODUCTS.**

PRESENCE IN MORE THAN 45 COUNTRIES



TECHNICAL DATA SHEET

Two-component polymeric filler, reinforced with non-stick and elastic components to support mechanical stress, high hardness amorphous loads to improve traction, thixotropy to allow for repairs with non-sag putty and the perimeter of the mantle in situ, with good thermal resistance, resistant to impact and abrasion, specially designed to coat and repair pulley coating.

Fourthane Silver Pulley is a specialized product to repair the coating of drive, driven or deflector pulleys of transporter equipment.

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- It is used in a ratio of 1:1 by weight / 1 to 0.9 by volume.
- Both components should be mixed until a homogeneous mixture with an even color is made



For technical assistance contact us at support@fourthane.com

TECHNICAL DATA SHEET

SURFACE PREPARATION TO REPAIR

Surface preparation is crucial to obtain a long-term result.

The surface where you will apply the product must be clean and dry. It is essential to eliminate completely the contaminants on the substrate.

To ensure good substrate adhesion, when we are dealing with the metal layer to be coated on which **FOURTHANE SILVER PULLEY** will be applied, prepare the surface of the pulley with an SP 5° type sandblasting or by scraping with an angle grinder using an SSPC-SP-2 type roughing disc or similar, leaving the metal white, rust-free and rough. When you apply **FOURTHANE SILVER PULLEY** onto a rubber surface, you should rough the surface using a 100mm diameter fine wire rotating brush. You must clean the worked surface, removing any residue with a brush.

If there is contamination by oils, clean with a degreasing liquid using a cloth that does not leave fabric residues. In winter or at times of low temperature, preheat the surface on which the product will be applied, so that it feels warm to the touch. The ideal application temperature of the product is 25°C.

APPLICATION

Choose the container of component “A” (Resin) and component “B” (Hardener). Open both containers and put the Hardener into the Resin container.

Mix both components manually or using a paint or cement electric mixer for 3 minutes until you get a homogeneous mixture with an even color.

Once mixed homogeneously, without leaving gray traces of **FOURTHANE SILVER PULLEY**, the applicator must wear latex gloves and apply a thin layer of approximately 2 mm of **FOURTHANE SILVER PULLEY** on the pulley mantle to be repaired or coated, and complete with the thickness required according to the specifications. Once the components are mixed, there is a time between 15 to 20 minutes where **FOURTHANE SILVER PULLEY** maintains the appropriate viscosity for its application.

For a better finish of **FOURTHANE SILVER PULLEY**, use Ez Finish after the defined full thickness has been obtained. **DO NOT USE EZ FINISH** between applied coats of **FOURTHANE SILVER PULLEY**.

For applications in environments with temperatures below 20°C, store **FOURTHANE SILVER PULLEY** indoors, heat in a water bath or in an oven with a temperature range between 25°C to 30°C. Heat the pulley mantle to be repaired or relined with an air gun until it is warm to the touch.

TECHNICAL DATA SHEET


PHYSICAL PROPERTIES


COLOR	BLACK	
COMPRESS RESISTANCE	8960 PSI	ASTM D695
DENSITY	1,15 GR CC / 0,665 OZ IN3	
SPECIFIC VOLUME	869,6 CC KG	
PERFORMANCE	0,724 M2 @ 6 MM / 7,79 SQ.FT @1/4"	
SHORE HARDNESS	70 D	ASTM D2240
FULLY CURED	8 HRS (75 F°/23C°)	
FUNCTIONAL CURING (23°C)	4 HRS (75 F°/23C°)	
MIX RATIO BY VOLUMEN	1:0,9	
MIX RATIO BY WEIGHT	1:1	
VICOSITY	Non-running paste	
VERTICAL APPLICATION	Up to 1" (25MM) per coat	
POT LIFE @ 75 (23°C)	2 horas	
RECOVER TIME	2 horas	
% SOLIDS	100	
OPERATION RANGE	-76 F° 104 F°/-60 C°/60 C	
IMPACT RESISTANCE	4950 LB IN / 560 N-M	
ABRASION RESISTANCE (CS17)	137 MG	ASTM D3389
FORMATS	5 KG / 11 LB	


FOURTHANE LTDA. is the leading company in developing fast repair solutions for conveyor belts. With more than 14 years of successful presence in the Chilean market, we are positioned N° 1 with outstanding product results in the big national local mining companies.


Our Fourthane products lines are amongst the top developments of conveyor belt repair products since the last 30 years.





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