

IN3077



HEX LINE - 12

FOURTHANE®

FOURTHANE HEX-12





## RECOGNITIONS

GANADOR 2013  
**pro|CHILE**  
Innovative Entrepreneurship



GANADOR 2012 - 2013  
**Mejor Innovación  
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**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

Fourthane HEX Kit is composed of high purity Hexagonal Ceramics with high adhesion and thixotropic adhesive, resistant to impact and chemical attacks, it is an excellent solution for the repair of wear elements with high resistance to abrasion.

### DESCRIPTION

**Fourthane Hex 12** is specially designed for the repair of worn areas in ducts, elbows, trunnions, feed and discharge chutes, concrete surfaces, and in general where abrasion and impact conditions exist.

**Fourthane Hex 12** allows to repair existing coatings due to the high adhesiveness of its components or to reinforce areas exposed to abrasion and impact in a simple and fast way with basic tools.



### INSTRUCTIONS FOR USE

1. Clean surface to be repaired, sanding with angle grinder if the surface is metallic and remove the rest of the impurities with steel brush or similar, if the surface is rubber scrape with circular wire brush of 100 mm diameter using a straight grinder. Make sure to remove rust, dirt and loose elements that could be present on the application surface.
2. Mix the polymeric compound included, using a ratio of 1 part resin to 1 part hardener, mix until a homogeneous color is achieved.
3. Apply a 2 to 3 mm thick bonding coat on the surface where the ceramic tile will be installed.
4. Place the ceramic hexagon cloth on the palm of the hand making sure that the mesh that joins the ceramics is on the service side and install in the desired position.
5. Once the ceramic plates are installed, and when the ceramic already has adherence, remove the support mesh of the ceramics and fill the spaces between the hexagons, with the same adhesive contained in the kit, on the service side.

## TECHNICAL DATA SHEET

### PRODUCT CODE 4002-K

Hex 12 Presentation Format	Kit of 1 m2 ceramic, includes adhesive
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### ADHESIVE

VOLUME MIX RATIO	1:0,5
MIXING RATIO WEIGHT	1:0,5
MAX. OPERATING TEMPERATURE	93C°
WORKING TIME (AT 25 C)	30 minutes
FUNCTIONAL CURE TIME	1 hour
ADHESIVE PERFORMANCE	1 mt2

### HEXAGONAL CERAMIC


ALUMINA CONTENT % OF	≥92
MOHS HARDNESS (MOHS)	9
WATER ABSORPTION (%)	≤0. 01
BULK DENSITY (G/CM3)	≥3.63
PANEL THICKNESS	12MM


*For technical assistance contact us at [support@fourthane.com](mailto:support@fourthane.com)*


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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