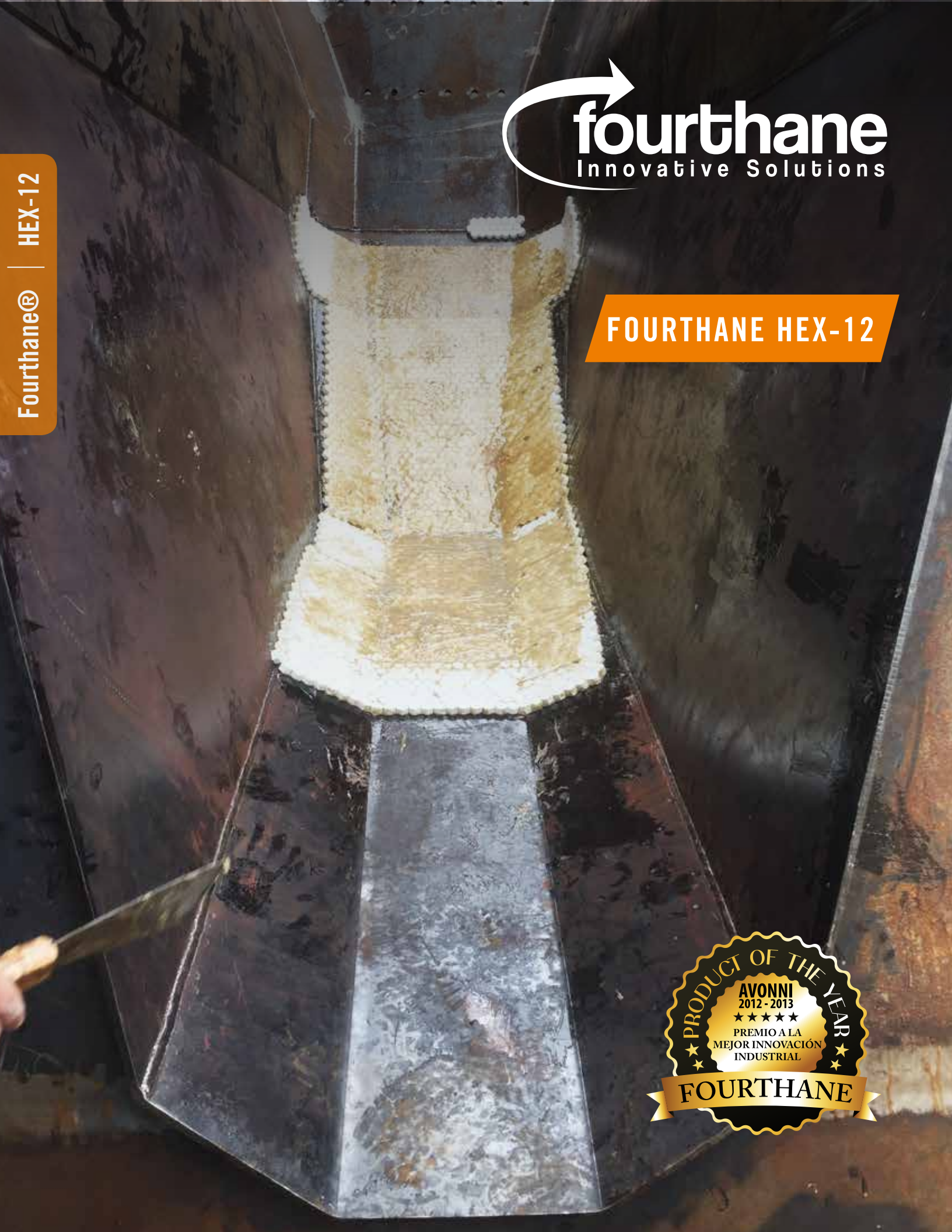


HEX-12

Fourthane®



FOURTHANE HEX-12





RECOGNITIONS

GANADOR 2013
pro|CHILE



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 40 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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ADHESIVO

VOLUME MIX RATIO	1:0,5, for surfaces smaller than one m2
MIXING RATIO WEIGHT	1:0,5
MAX. OPERATING TEMPERATURE	93 C°
WORKING TIME (AT 25 C) - 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

FOURTHANE LTDA. is the leading company in innovation and in the development of solutions for repair of conveyor belts and concentrator plants, with more than 25 years of presence in the Chilean market, has managed to position its products with great success and excellent results in the large national mining companies.

OUR MISSION is to provide maintenance solutions that maximize mining and industrial equipment availability.



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