

NovaTHORTM

Backing compound

New generation compound

NovaTHOR is a two-component compound, based on epoxy resin, used to fill up the cavities between the surfaces of wear and body parts

Based on many years of experience in the development and production of spare and wear parts for crushers of many brands, Element has created a compound that meets the highest of industry standards. Our customers are able to reduce wear, while improving productivity and reducing the cost of crushing processes with the NovaTHOR compound in combination with spare and wear parts manufactured by Element®.

Reliable operation

NovaTHOR compound is used for cone and gyratory crushers. High impact resistance and compressive strength are the main characteristics of the compound. Because of this, the filling effectively absorbs energy and reduces vibration. NovaTHOR is resistant to shrinkage and temperature influences, so it is suitable for even the most severe of application conditions.

Ease of use and transportation

NovaTHOR filling material is supplied in metal euro-pails, which ensure reliable transportation and storage. The compound is easily stirred and processed. The epoxy system is fully ready for any type of transportation, and shipment can be carried out in conjunction with other spare and wear parts of Element. The NovaTHOR has all the necessary documents: safety data sheet and technical data sheet.

Main characteristics

1. Pot life (25 °C), min	15±5
2. The curing time (25 °C), hours	<24
3. Density, kg/m ³	1600±200
4. Hardness (Shore D)	>80
5. Impact strength, kJ/m ²	>7
6. Compressive strength, MPa	≥120
7. Shear strength, MPa	>15
8. Shrinkage, %	<0,01

element®

Integrity in details



Element Group Oy

Address: FI-33710 Tampere, Finland
Peltokatu 26
Phone: +358 10 340 3980
Email: info@element.global

Mining Element LLC

Address: 196105, Russia, Saint-Petersburg
Reshetnikova str., house 14, building A
Phone: +7 (812) 900-85-70
Email: pro@element.global

You can order NovaTHOR through any of Element's regional representative offices, or via the offices of our dealers. All contacts of our regional offices can be found on the website www.element.global in the Contacts section.