

BACKON 65 STD

Crusher backing compound

Internal reference: BD65 - Series: BACKON

Product summary

High-performance backing compound designed to fill and support the gap between liners and substrates in crushers and mills. It acts as a cushion against impact and load vibration.

Typical applications

- Cone crushers (medium and fine crushing)
- Gyratory crushers (primary crushing)
- Ball mills
- Symons series, Sandvik Hydrocone and equivalent equipment

Key benefits

- Good flow before cure
- Strong filling capacity
- Low shrinkage after cure
- High load-bearing capacity
- Easy removal during maintenance
- Free of organic solvents

Main technical data

Property	Value
Colour / state	Grey / Fluid
Density	1.6 +/- 0.1 g/cm ³
Viscosity (25C)	36000 +/- 5000 mPa.s
Cure shrinkage	< 0.01%
Compressive strength	>= 100 MPa
Shear strength	>= 15 MPa
Hardness	>= 82 Shore D
Application method	Pour
Working time	< 35 min
Commissioning	>= 12 h

Property	Value
Full load	>= 24 h or 10C 4h + 80C 2h
Service temperature	-60C to 120C
Packaging	10 kg/set or 20 kg/set

Recommended procedure

1. Remove residual backing, oil and dirt; seal any potential leak areas.
2. Mix components A and B thoroughly until uniform distribution is achieved.
3. Pour the compound along a single point to facilitate air release.
4. Cure at ambient temperature before putting the equipment into operation.

Application notes

Ambient temperature significantly affects viscosity and cure time. For temperatures below 10C, heating component A and, where possible, the part itself is recommended.

Safety and storage

Use gloves, protective eyewear and adequate ventilation. Avoid contact with eyes and skin. Store in a cool, ventilated and dry place; keep away from children, ignition sources and hazardous objects.