

Nordbak®

STANDARD BACKING

20kg PART NUMBER 9505-9905

10kg PART NUMBER 9505-9901

DESCRIPTION

NORDBAK® Backing Materials are tough, resilient and ideal for Cone Crushers, Primary Gyratory Crushers, Rotating Mills, Pulverisers and other heavy reduction machinery. Since the advent of non-metallic backing and followed by years of research and development, **NORDBAK®** has established a proven range of Backings to suit all types of crushing operations. Suitable for 5 foot crushers and Gold, Copper and low strength ores.

BENEFITS

Non hazardous
No molten zinc and peripheral equipment
100% solids co-polymer system.
Saves downtime and money.
Tough and resilient.
Easy and safe to use.

PHYSICAL PROPERTIES (all at 25°C)

Compressive strength	140 MPa min
Working time	10 Minutes
Gel time	20 Minutes @ 25°C
Cure time	6 Hours
Mixed colour	Beige
Kit size	10kg and 20kg

MIXING AND POURING INSTRUCTIONS FOR CONE CRUSHERS

1. Premix resin using a low speed power drill (400 rpm max) for \pm 2 minutes.
2. While stirring, it is important to move stirrer up and down and around the sides of the pail to disperse resin evenly. Mix for \pm 3 minutes. (Excessive mixing speeds cause air entrapment, resulting in foaming of the product).
3. Add hardener and mix for a further 2 minutes or until a uniform colour is achieved.
4. Pour mixture at several locations to ensure even distribution of **NORDBAK® BACKING** material.
5. In high temperature regions, assembly and pouring of crushers should be done indoors to avoid overheating of components, which could result in uneven cured properties. Alternatively pours should take place in the early morning.
6. Avoid water contamination during mixing and pouring.

APPLICATION INSTRUCTIONS

1. A light coating of release agent should be applied to all surfaces of the bowl or mantle to facilitate future removal of worn liners.
N.B. DO NOT APPLY RELEASE AGENT ONTO LINERS THEMSELVES
2. Liners should be positioned in the Crusher in the normal manner and all gaps sealed to prevent leakage of the **NORDBAK® BACKING** during pouring.
3. If ambient temperature is below 15°C, the liners as well as the bowl or mantle should be preheated to $\pm 25^{\circ}\text{C}$
4. Where Crusher downtime is critical, curing time can be reduced by preheating contact surface to a maximum of 50°C.

SAFE HANDLING PROCEDURES

WARNING

Provide adequate ventilation and respirators

Avoid inhaling fumes.

Personnel are required to use airline respirators when torch cutting or grinding the product.

Avoid contact with skin and eyes.

STORAGE CONDITIONS

Store indoors on pallets at temperatures between 4°C and 35°C

PROTECTION:

All work is to be done in a well-ventilated area.

Overalls and eye protection required.

NORDBAK® has a wide variety of resin systems now available. Crusher products include **NORDBAK®** Fast-set and Deep Pour Grouts, **NORDBAK®** Trowel mix, **NORDBAK®** Primary, High Performance and Standard Backing Compounds. Wearing compounds include **NORDBAK®** High Temperature Wearing Compound, **NORDBAK®** High Temperature Pneu Wear, **NORDBAK®** Regular Wearing Compound, **NORDBAK®** Nordwear 5, Nordwear 8 and Nordtile wearing compounds and the Nordcoat Acid resistant coating range.