



## Nordbak® Wearing Compounds

### STEP ONE: SURFACE PREP

The surface must be: 1. Clean. 2. Dry. 3. Rough.

Surface preparation is the key to any successful repair. Give the surface a profile by roughening the area. A power drill with a wire brush or grinder is recommended.

### STEP TWO: MIX PRODUCT

With trowelable formulations, mix part A and part B on a disposable surface (cardboard, etc.) Follow directions on product container. With brushable formulations, mix part A and B in product container.

### STEP THREE: APPLY THE MATERIAL

Use a small amount of mixed material and lightly wet the surface of area to be repaired. This light coat of material is worked into the surface to provide a good bond area. Brush or trowel material onto repair area. Make the final surface smooth by wetting a glove and wiping gently over the surface before the product cures. The brushable materials will leave a high gloss finish.

**APPLICATIONS:** Pulverizer and wear plates, chutes and hoppers, pipe elbows, cyclones, pumps, fans, blowers, cooling towers, and more.

### BENEFITS: LOCTITE® WEARING COMPOUNDS

- Superior wear of ceramic combined with durability of two-part epoxy
- Provide long-lasting surface renewal
- Available in trowelable and brushable formulas
- Extend equipment life
- Provide corrosion, erosion, abrasion and chemical resistant coating
- Fight friction and protect against cavitations



# PROPERTIES CHART

LOCTITE® Nordbak® Product	Item Number	Container	Coverage, ft. <sup>2</sup> @ 1/4" Thickness	Color	Maximum Operating Temperature (°F)	Compressive Strength, psi	Hardness (Shore D)	Working Time, Minutes, 77°F	Functional Cure, Hours, 77°F	Mix Ratio by Volume, r : h	Mix Ratio by Weight, r : h
Wearing Compound	1324008 1323940	5 lb. kit 25 lb. kit	1.75 8.75	Grey	250	16,000	90	30	7	2:1	2:1
Fast Cure Wearing Compound	96373	6 lb. kit	2.3	Blue	225	10,000	90	10	3	2:1	2:1
High Temperature Wearing Compound	99112	25 lb. kit	8.7	Grey	450	15,000	90	30	N/A	4:1	3.9:1
Ultra-High Temperature Wearing Compound	96392	25 lb. kit	8.7	Red	550	N/A	90	30	N/A	2.5:1	2.85:1
High Impact Wearing Compound	1327836	25 lb. kit	8.75	Grey	250	12,000	85	30	6	2:1	2:1
Castable Wearing Compound	98992	25 lb. kit	277 in. <sup>3</sup>	Grey	225	18,500	90	30	6	2:1	6.8:1
Pneu-Wear	98383 98382	3 lb. kit 25 lb. kit	1.1 9	Grey	250	15,000	85	30	6	4:1	4:1
Fast Cure Pneu-Wear	96363 1117828***	6 lb. kit 25 lb. kit	2.3 9.6	Blue	225	12,000	90	10	3	2:1	2:1
High Temperature Pneu-Wear	98372	25 lb. kit	8.7	Grey	450	15,000	90	30	N/A	4:1	4:1
Ultra-High Temperature Pneu-Wear	96332	25 lb. kit	8.8	Red	550	N/A	90	30	N/A	2:1	2.27:1
Combo Bead Wearing Compound	1324571	6 lb. kit	2.3	Grey	250	13,000	90	25	8	2:1	2:1
Brushable Ceramic – Grey	98733 98732 997637***	2 lb. kit 6 lb. kit 12 lb. kit	12* 36* 72*	Grey Grey Grey	200 200 200	10,180 10,180 10,180	85 85 85	30 30 30	6 6 6	2.75:1 2.75:1 2.75:1	4.8:1 4.8:1 4.8:1
Brushable Ceramic – White	96443	2 lb. kit	12*	White	200	10,866	85	15	5	2.8:1	4.5:1
High Temperature Brushable Ceramic	96433 997369***	2 lb. kit 12 lb. kit	12* 72*	Red	550	16,000	90	120	N/A	2.6:1	4.25:1
Chemical-Resistant Coating	96092	12 lb. kit	75*	Grey	150 wet/> 200 dry	10,000	83	N/A	N/A	2.3:1	3.4:1
Ceramic Tile Adhesive	1690646	20 lb. kit	20 ††	Beige	200	14,000	88	60	12	1:1	1:1.25
Sprayable Ceramic	1389509	900 ml cart.	8.8†	Green	200	15,400	86	40	6	2:1	2:1

## Nordbak® Wearing Compound

Large ceramic beads and fine silicon carbide in a high-performance epoxy system protect against sliding abrasion to 250°F. Non-sagging. Trowelable.

## Nordbak® Fast Cure Wearing Compound

A faster version of Wearing Compound, this epoxy renews worn surfaces fast, reducing downtime. Trowelable.

## Nordbak® Pneu-Wear

Filled with small ceramic beads and silicon carbide for maximum protection against fine particle abrasion to 250°F. Trowelable.

## Nordbak® Fast Cure Pneu-Wear

Fast cure version of standard Pneu-Wear protects against fine particle abrasion to 225°F and cures in just 3 hours. Trowelable.

## Nordbak® High Temperature Wearing Compound

Resists sliding abrasion and temperatures to 450°F. Must be post-cured for maximum temperature resistance and performance. Trowelable.

## Nordbak® Ultra-High Temperature Wearing Compound

Resists sliding abrasion and temperatures to 550°F. Must be post-cured for maximum temperature resistance and performance. Trowelable.

## Nordbak® High Temperature Pneu-Wear

Protects against fine particle abrasion and temperatures to 450°F. Must be post-cured for maximum temperature resistance and performance. Trowelable.

## Nordbak® Ultra-High Temperature Pneu-Wear

Protects against fine particle abrasion and temperatures to 550°F. Must be post-cured for maximum temperature resistance and performance. Trowelable.

## Nordbak® High Impact Wearing Compound

Rubber-modified epoxy protects against sliding abrasion and impact to 250°F. Trowelable.

## Nordbak® Castable Wearing Compound

For casting wear-resistant parts. Pourable ceramic compound can be cast into any shape. Resists temperatures to 225°F.

## Nordbak® Combo Bead Wearing Compound

This epoxy system combines the abrasion-resistance qualities of both large and small ceramic beads and silicon carbide. Protects against hard sliding abrasion and extends the life of equipment. Trowelable.

## Nordbak® Brushable Ceramic

Brushes on to form a smooth, corrosion-resistant coating. Protects against turbulence, abrasion, and cavitation. Resists temperatures to 200°F.

## Nordbak® High Temperature Brushable Ceramic

Provides protection against turbulence, abrasion, and cavitation up to 550°F. Must be post-cured for maximum temperature resistance and performance.

## Nordbak® Chemical-Resistant Coating

Smooth, glossy, low friction finish protects against turbulence and abrasion, and protects equipment from extreme chemical attack and corrosion. Brushable.

## Nordbak® Ceramic Tile Adhesive

High strength. Secures tiles to vertical, horizontal, and overhead surfaces. Excellent shock and impact resistance. Trowelable. Resists temperatures to 200°F.

## Nordbak® Sprayable Ceramic

A two-component sprayable epoxy that creates a smooth, low-friction coating which combats turbulence and cavitation on components, improving equipment efficiency. Protects and extends the service life of a wide range of plant equipment, providing excellent wear resistance and superior adhesion. Resists temperatures to 200°F.

\* 20 mil thickness. \*\* in.<sup>2</sup> at 1/4 in. thickness.  
\*\*\* Made-to-order item. † At 250 micron. †† At 1/8 in. thick.

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