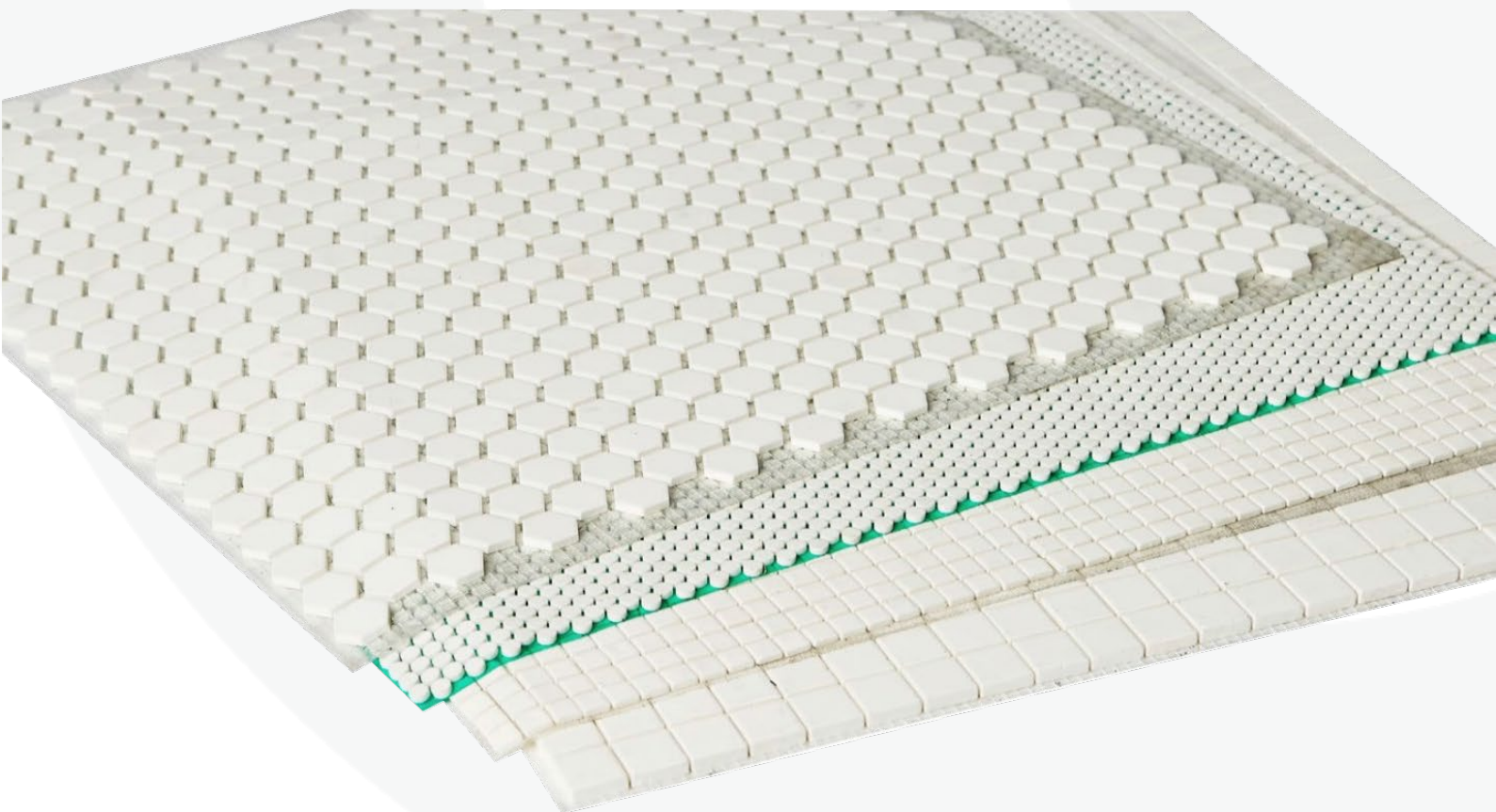


DIRECT BOND WEAR PANELS

eelastotec
ENGINEERED TO PERFORM



DIRECT BOND WEAR PANELS



DESCRIPTION

Elastotec Direct Bod Wear Panels are made with a high performance Aluminium Oxide ceramic for increased abrasion and crack resistance.

The tiles are supplied in pads with clear backing tape to ensure accurate positioning and efficient installation.



APPLICATION

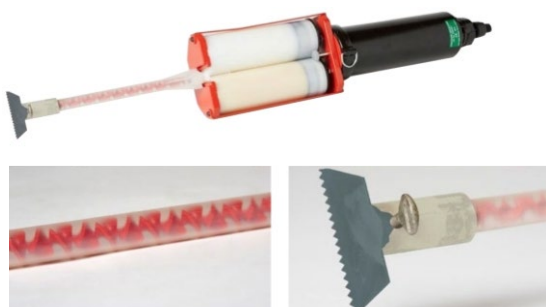
ADHESIVE SYSTEM

- High strength bonding system to provide adhesion of the ceramic tiles to the metal substrate >20 Mpa.
- Metal primer to protect the blasted steel surface from corrosion and ensure optimum adhesion strength.
- Automated mixing/dispensing system for the two-part epoxy adhesive to ensure consistency and control - removes chance of operator error, reduces application time and wastage of adhesive.



KEY FEATURES AND BENEFITS

- ✓ Innovative application method.
- ✓ Reduced application time.
- ✓ Reduced application cost.
- ✓ Reduced lead time.



DIRECT BOND WEAR PANELS

ALUMINIUM OXIDE PROPERTIES

Typical values

Vickers Hardness Hv50 >950

Fracture Toughness >3.5 MPa.m^{1/2}

STANDARD DIMENSIONS

Typical values

REFERENCE NO.	TILE DIMENSIONS (mm)	OVERALL THICKNESS (mm)	OVERALL DIMENSIONS (mm)	TILE SHAPE
WPDB-RND-7-3	7 x 3	3	500 x 500	Round
WPDB-SQR-10-10-3	10 x 10 x 3	3	500 x 500	Square
WPDB-SQR-20-20-6	20 x 20 x 3	6	500 x 500	Square
WPDB-HEX-20-4	20 x 4	4	500 x 500	Hexagonal



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