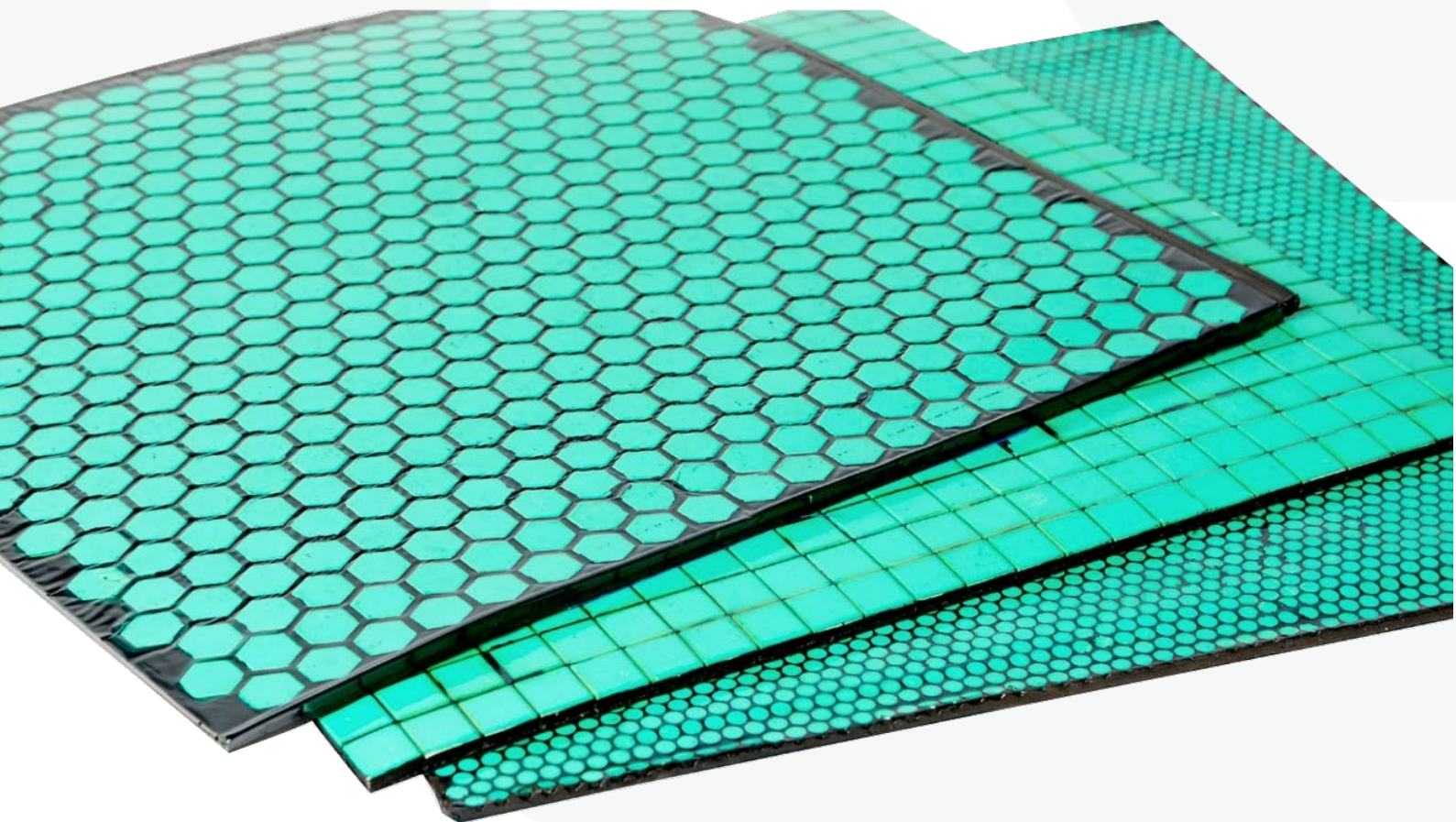
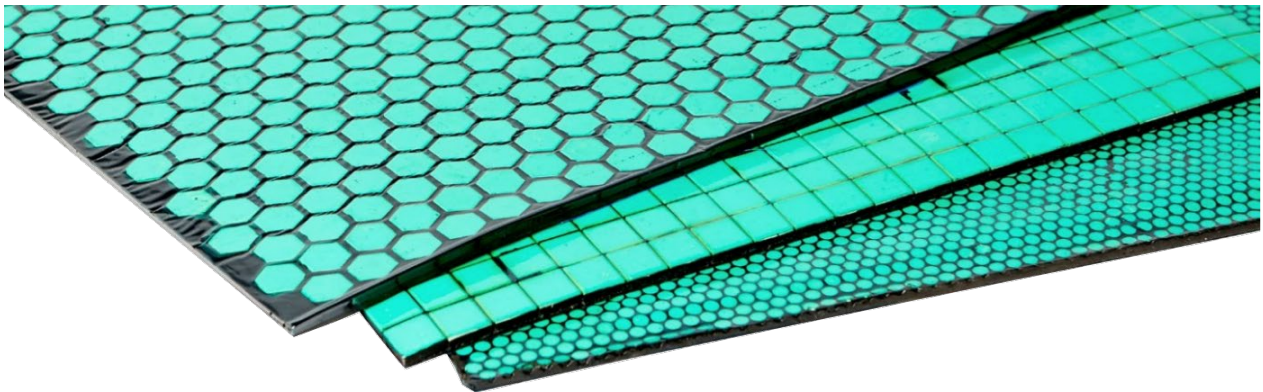


COLD VULCANISED WEAR PANELS

 **elastotec**
ENGINEERED TO PERFORM



COLD VULCANISED WEAR PANELS



APPLICATION

Elastotec Wear Panel systems are ideal for a wide variety of mining, mineral processing and material handling for protection against extreme wear. Including typical examples such as:

- Chutes
- Cyclones
- Launderers
- Pipes and tanks
- Conveyor transfer points
- Screen beams, underpans and components
- Vibratory feeders



KEY FEATURES AND BENEFITS

- ✓ 92% Aluminium oxide material.
- ✓ Rubber compound blended with CN polymers.
- ✓ Buffed CN bonding layer and buffed edges.
- ✓ Manageable size and weight. Strip width 250mm makes it easy to install.
- ✓ Fire resistant & antistatic (FRAS) compound available.
- ✓ Low sulphur rubber.
- ✓ Ceramic tiles bonded to rubber on all sides (except top surface).
- ✓ Supplied in square panels 500mm x 500mm.
- ✓ Extreme wear resistance.
- ✓ Outstanding adhesion to ceramic tiles, rubber and metal.
- ✓ For optimum cold vulcanised adhesion.
- ✓ Can be used in above and below ground applications.
- ✓ Stable rubber hardness with age.
- ✓ Resists tile cracking and pull out.
- ✓ Easy to install.

COLD VULCANISED WEAR PANELS

RUBBER SPECIFICATIONS

Typical values

	STANDARD	FRAS
Polymer	NR/SBR Blend	SBR/CR Blend
Tensile strength (Mpa) min	14.0	16.0
% Elongation min	400%	500%
Hardness (shore A)	60+/-5	60+/-5
Specific gravity	1.13+/-0.03	1.43+/-0.3
Abrasion resistance max vol. loss (DIN 53516)	90mm ³	200mm ³
FRAS - MDG 3608	N/A	PASS

CERAMIC SPECIFICATIONS

Typical values

Aluminum oxide	92% min
Specific gravity	3.7
Vickers hardness	900
Tensile strength (MPA)	20.0
Comp. strength (MPA)	200
Flexural modulus (MPA)	32.0


STANDARD DIMENSIONS


Typical values

REFERENCE NO.	TILE DIMENSIONS (mm)	OVERALL THICKNESS (mm)	OVERALL DIMENSIONS (mm)	TILE SHAPE	RUBBER	DURO (Shore A)
WPHV-RND-7-3-6-NR60	7 x 3	6	500 x 500	Round	NR	60
WPHV-SQR-10-10-3-6-NR60	10 x 10 x 3	6	500 x 500	Square	NR	60
WPHV-SQR-20-20-6-10-NR60	20 x 20 x 3	10	500 x 500	Square	NR	60
WPHV-HEX-20-6-10-NR60	20 x 6	10	500 x 500	Hexagonal	NR	60



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