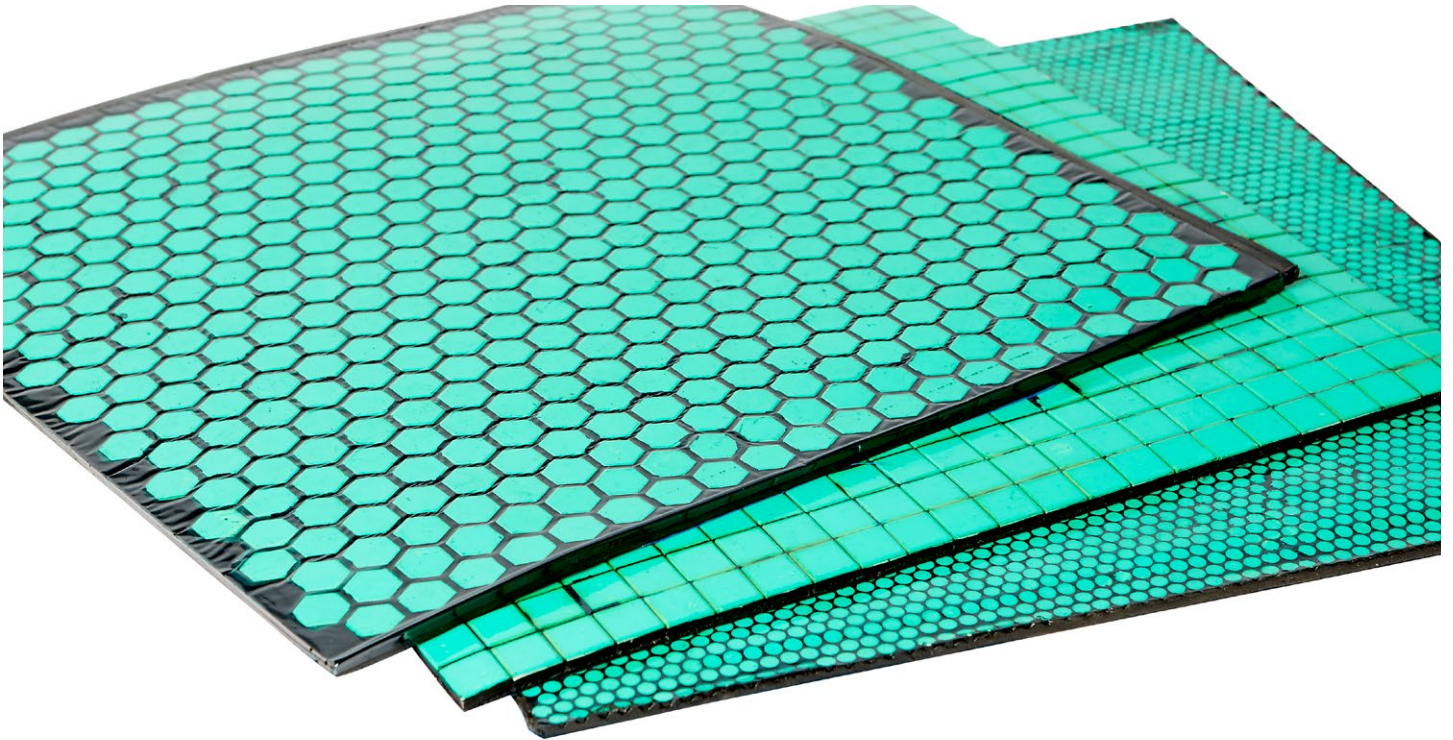


COLD VULCANISED WEAR PANELS



Applications

Elastotec Wear Panel Systems are ideal for a wide variety of mining, mineral processing and material handling applications 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

Features & Benefits

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

COLD VULCANISED WEAR PANELS

Material Specifications

CERAMIC TILES	
Aluminium Oxide	92% MIN
Specific gravity	> 3.7
Vickers Hardness	> 900
Tensile strength (MPa)	20.0
Comp. Strength (MPa)	200
Flexural modulus (MPa)	32.0

Rubber Specifications

	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

Standard Dimensions

Reference No.	Tile Dimensions (mm)	Overall Thickness (mm)	Overall Dimensions (mm)	Tile Shape	Rubber	Duro (Shore A)
CVWP-ROUND-7-3-6-NR60	7 x 3	6	500 x 500	Round	NR	60
CVWP-SQUARE-10-10-3-6-NR60	10 x 10 x 3	6	500 x 500	Square	NR	60
CVWP-SQUARE-20-20-6-10-NR60	20 x 20 x 6	10	500 x 500	Square	NR	60
CVWP-HEX-20-6-10-NR60	20 x 6	10	500 x 500	Hexagonal	NR	60



Rokeby Technologies provides engineered solutions specialising in polymer and composite product technologies for the mining, mineral processing, materials handling and general industry.

Our focus is on innovative high-performance product technologies utilising composite materials such as rubber, ceramics, polyurethane and engineered plastics.

Rokeby Technologies are the exclusive distributor for Elastotec Wear Panel Systems for the regions of Australia, New Zealand, Papua New Guinea and New Caledonia.

Contact

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