

Cera-Wear Extreme Ceramic Wear Plates

Cera-Wear Extreme Ceramic Wear Plates are a premium grade wear and impact resistant composite ceramic liner with steel backing.

FEATURES

Cera-Wear Extreme Ceramic Wear Plates are made from wear resistant 92% alumina ceramic tiles embedded within a rubber matrix. They display excellent resistance to both high velocity and high flow sliding abrasion and impact.

Cera-Wear Extreme Wear Plates feature interlocking hexagonal shaped ceramic tiles completely vulcanized within a 40 Duro premium synthetic rubber compound. This hexagonal shape combined with the rubber between the tiles gives maximum impact resistance.

Cera-Wear Extreme Ceramic Wear Plates are reinforced with a vulcanized steel backing plate for stability in the most demanding applications. This vulcanized steel backing allows for extremely strong mechanical fastening to equipment.



TECHNICAL INFORMATION

CERAMIC TILE		
Alumina Content	92% (min)	
Density	3.65 g/cc	ASTM C373-88
Hardness (Rockwell)	77 R45N	ASTM C1327
Compressive Strength	1950 Mpa (min)	ASTM C1424-04
Flexural Strength	320 Mpa (min)	ASTM C1161-02c
Water Absorption	0%	ASTM C373-88
Abrasion by Impingement	0.05 grams (max)	
Abrasion by Rubbing	0.1 grams (max)	
RUBBER		
Polymer	SBR	
Colour	Black	
Hardness	40° ± 5° Shore A	ASTM D2240

AVAILABLE SIZES

Reglin stock Cera-Wear Extreme Ceramic Wear Plates in a range of standard thicknesses and panel sizes.

PART NO.	SIZE	WEIGHT (EACH)
CWP3505/2505HR	35mm x 500mm x 500mm with 5mm steel backing plate (Hex pattern 25mm thick x 20mm A/F tile on 5mm rubber with rubber between)	31.5 kgs
CWP3505/2505HR250	35mm x 250mm x 500mm with 5mm steel backing plate (Hex pattern 25mm thick x 20mm A/F tile on 5mm rubber with rubber between)	18 kgs
CWP6505/5010HR	65mm x 282mm x 305mm with 5mm steel backing plate (Hex pattern 50mm thick x 32mm A/F tile on 10mm rubber with rubber between)	18 kgs