

Cera-Wear HR BB Ceramic Wear Pads

Cera-Wear HR BB Ceramic Wear Pads are a premium grade wear and corrosion resistant composite ceramic liner with a CN bonding layer.

FEATURES

Cera-Wear HR BB Ceramic Wear Pads are made from wear resistant 92% alumina ceramic tiles embedded within a corrosion resistant rubber matrix. They display excellent resistance to both high velocity and high flow wet slurry and fine particle sliding abrasion and impact.

Cera-Wear HR BB Pads feature interlocking hexagonal shaped ceramic tiles completely vulcanized within a 50 Duro premium Bromo-butyl rubber compound. This hexagonal shape combined with the rubber between the tiles gives maximum impact resistance and flexibility for installation on flat, convex or concave surfaces.

The Bromo-butyl rubber compound used between the tiles gives Cera-Wear HR pads high temperature and excellent chemical resistance to both acids and alkalis.

Cera-Wear HR BB ceramic wear pads feature a specially formulated Neoprene based CN bonding layer to achieve ultimate adhesion when bonded to steel or rubber surfaces. The CN bonding layer is compatible with a wide range of Neoprene based rubber adhesives and allows for good bond strength to be achieved even in adverse conditions encountered on site.



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)	

TECHNICAL INFORMATION

RUBBER		
Polymer	Bromo-butyl	
Colour	Black	
Hardness	50° ± 5° Shore A	ASTM D2240
Specific Gravity	1.20	ASTM D297
Abrasion	200mm ³ (max) @ 5N	ASTM D5963
Tensile Strength	7 MPa (min)	ASTM D412
Temperature Range	-25°C to +90°C	

AVAILABLE SIZES

Cera-Wear HR BB Ceramic Wear Pads are available in 500mm x 500mm panels in a range of standard thicknesses. They are custom-made to order. Lead times and minimum order quantities apply to this product.