



Maxx CRC Wear Protek

Industrial ceramics are used for a variety of wear and corrosion resistant applications in mining, material processing and material handling. Alumina ceramics are harder than steel and are suited for abrasive sliding applications. Ceramics however are brittle by nature and this is where rubber can play a vital role.

In order to overcome this limitation ceramics are hot vulcanized in to rubber to make a ceramic-rubber composite. The extremely hard ceramic segments provide resistance to wear and the resilience of rubber dampens the impact forces.

Typical applications of the Rubber back tiles are Toboggan Chutes, Transfer Chutes, Wagon Tippers, Dump Hoppers, Diverter gates, Feed Chutes and any such application where moderate impact and severe abrasion are a problem.

Standard Sizes offered

Ceramic Rubber Composite Panels				
Size (mm)	Ceramic (mm)	Ceramic Thickness (mm)	Rubber Thickness (mm)	Composite Thickness (mm)
200 x 200	10 mm Square tiles	2	2.5	4.5
500 x 500	20 A/F Hexagonal tiles	13	4.0	17.0
500 x 500	20 A/F Hexagonal tiles	13	7.0	20.0
500 x 500	20 A/F Hexagonal tiles	25	4.0	29.0
500 x 500	20 A/F Hexagonal tiles	25	7.0	32.0



CERAMIC RUBBER COMPOSITE



CONVEY | ALL | THE | WAY



If required ORIL can supply the ceramic rubber composites with Mild steel backing plate. Studs can be welded on to the steel plate to make the entire panel easy to replace during shutdowns.

ORIL has experienced installation crew and provides expert installation services onsite, anywhere.



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