



**PES 201 CERAMIC REPAIR PASTE, 202 CERAMIC REPAIR FLUID
COMPARISON WITH BELZONA 1311/1321 &
THORTEX Cerami Tech EG/ Cerami Tech FG**

Engineering Repair

	PES 201 Ceramic Repair	THORTEX Cerami tech EG	BELZONA 1311	PES 202 Ceramic Repair Fluid	THORTEX Ceramic tech FG	BELZONA 1321
Wet continuous	158°F	158°F	158°F	158°F	158°F	158°F
Wet intermittent	248°F	248°F	248°F	248°F	248°F	248°F
Dry continuous	246°F	248°F	248°F	248°F	248°F	248°F
Dry intermittent	302°F	302°F	302°F	302°F	302°	302°F
Compressive strength ASTM D695	15,500psi (1089kg/cm ²)	15,000psi (1055kg/cm ²)	13,000psi (914kg/cm ²)	13,650psi (960kg/cm ²)	13,000psi (915kg/cm ²)	13,000psi (914kg/cm ²)
Tensile shear adhesion ASTM D1002	2675psi (188kg/cm ²)	2500psi (175kg/cm ²)	2700psi (190kg/cm ²)	2875psi (202kg/cm ²)	2800psi (195kg/cm ²)	2900psi (204kg/cm ²)
Flexural strength ASTM D790	10,000psi (703kg/cm ²)	10,000psi (700kg/cm ²)	10,000psi (703kg/cm ²)	9000psi (635kg/cm ²)	9000psi (635kg/cm ²)	10,000psi (703kg/cm ²)
Abrasion resistance ASTM D4060	0.06ml per 1000 cycles – 1kg load CS17	0.06ml per 1000 cycles – 1kg load CS17	0.048ml per 1000 cycles – 1kg load CS17	0.065ml per 1000 cycles – 1kg load CS17	0.065ml per 1000 cycles – 1kg load CS17	0.055ml per 1000 cycles – 1kg load CS17
Hardness (Rockwell R) ASTM D785	100	100	100	100	100	80
Corrosion Resistance ASTM B117	5000 hours	5000 hours	5000 hours	5000 hours	5000 Hours	5000 hours

