



Technical specifications for ZircoFlex® heat shield

Format	ZircoFlex® I	ZircoFlex® II	ZircoFlex® III
Thickness	250-300µ	550-650µ	850-950µ
Mass	460g/m ²	1020g/m ²	1590g/m ²
IR Reflectivity	90-95%		
Emissivity (uncoated side)	~0.09		
Long term temp. max.	500°C		
Radiant heat max. at 20mm	900°C		
Melting point	660°C		
Resistant to all organic liquids			
Electrical conductor			

Specification of adhesive layer of self-adhesive ZircoFlex®

Thickness	130µ
Weight	120g/m ²
Tensile lap shear – peak load 125mm ² on aluminium	25Kg.
Tensile lap shear – peak stress	0.75N/mm ²
Thermal conductivity @45°C	0.18W/mK
Adhesion to stainless steel - minimum	66N/100mm
Maximum operating temperature	260°C