

# Fire Resistant Rockwool Boards

High Strength | High Fire Resistance | High Insulation | Low Cost



## HDRW 850 | High Density Rockwool Boards

**Wedge HDRW 850** are Refractory Insulation Boards are made of high quality refractory grade mineral fibers rockwool bonded with high temperature clays. These insulation boards possess unique combination of properties for various industrial applications in furnace backup insulation, fire rated doors, fire protection & heat shield, high temperature gasketing & seals.

- Strong Rigid Boards with high compressive strength.
- High temperature resistance upto 850 °C.
- Very low Thermal Conductivity at high temperatures.
- High Electrical Resistance at high temperature.
- High fire resistance and heat shield properties.
- Easy to cut, laminate, and punch.
- Adaptable by wet moulding for pipe insulation.

### Applications:

- Fire Resistant Wooden Doors Manufacturing
- Fire Resistant Steel Doors Making
- Fire Resistant Lift Doors Manufacturing
- Heat Shield / Thermal Protection
- Fire Protection Systems
- Fire Resistant Partitions
- Electrical & home appliances insulation gaskets



Technical Properties	HDRW 850	
Colour	Light Brown	
Classification Temperature, °C	850	
Density, Kg/M3	950	
Thermal conductivity, W/m.K		
	400 °C	0.10
	600 °C	0.11
	800 °C	0.12
Fire Resistance for 10 mm thickness, minutes	120	
Fire Resistance for 5 mm thickness, minutes	60	
Tensile Strength, Mpa	3.5	
Shrinkage % @ 1000 °C	2	
Compression @ 70 Kg/cm2	15	

