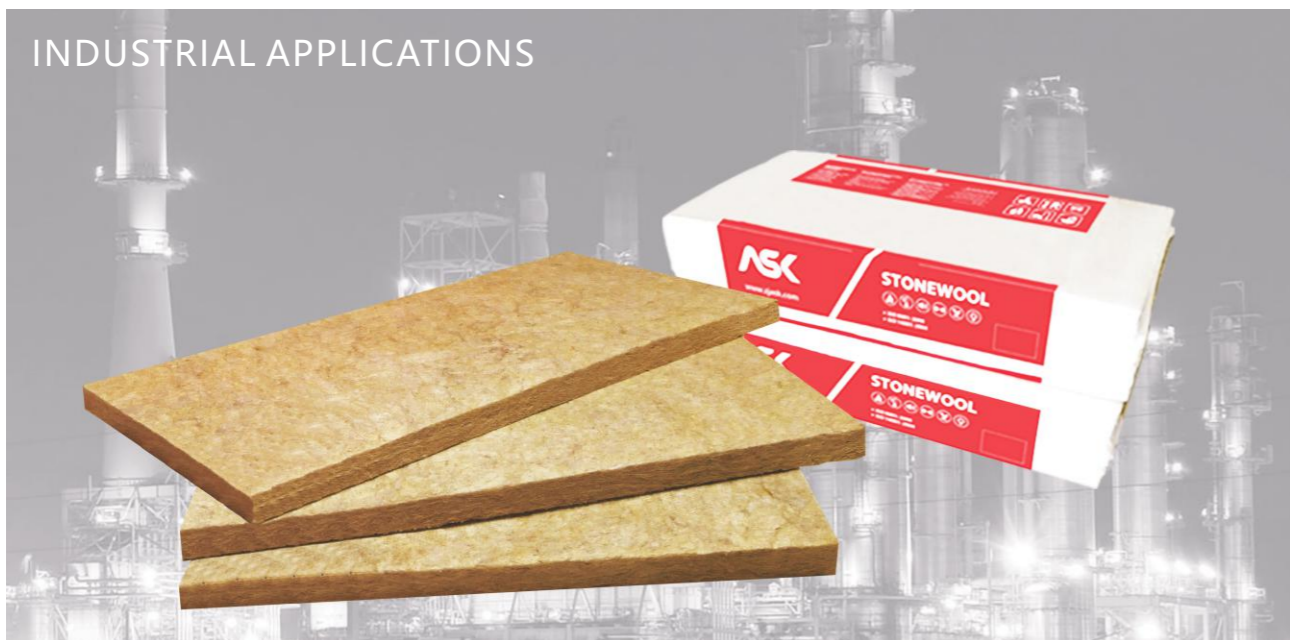


ASC SW (SL)



ASC Stonewool Industrial slabs are manufactured to achieve excellent thermal insulation performance and chemically stable and highly durable. This product has excellent fire properties and performance and has fire classification of Class A1.

Product Applications:

ASC industrial boards are widely used on industry furnace,boilers,oven,big diameter pipelines,storage tanks and equipment for thermal, fireproof and acoustic insulation.

Standard Delivery:

Product Properties	SL60	SL80	SL100	SL120	SL140
Nominal Density (kg/m ³)	60	80	100	120	140
Thickness (mm)	40~150	25~150	25~150	25~120	25~100
Length x Width (mm)	1200 x 600				

Other length and width sizes or facing type are available upon request.



Product Properties:

Properties	Unit	SL60	SL80	SL100	SL120	SL140	Standard
Thermal Conductivity	50°C	≤0.040	≤0.038	≤0.038	≤0.038	≤0.038	GB/T 10295 ASTM C518 ASTM C177
	100°C	≤0.046	≤0.045	≤0.045	≤0.045	≤0.045	
	150°C	≤0.060	≤0.058	≤0.056	≤0.055	≤0.055	
	200°C	≤0.077	≤0.071	≤0.067	≤0.064	≤0.062	
	250°C	≤0.09	≤0.085	≤0.080	≤0.074	≤0.070	
	300°C	≤0.120	≤0.099	≤0.095	≤0.090	≤0.085	
Max Service Temperature	°C	450	650	750	750	750	ASTM C411
Linear Shrinkage	%	≤2	≤2	≤2	≤2	≤2	ASTM C356
Noise Absorption Co-efficient at 50mm (NRC)]		—	0.95	—	—	—	ISO 354
Water vapor absorption	vol %	≤0.02	≤0.02	≤0.02	≤0.02	≤0.02	GB/T 5480 ASTM C1104M
Water leachable chloride content	ppm	≤10	≤10	≤10	≤10	≤10	ASTM C871
Reaction to Fire:	Classification A1 Non-combustible Surface burning characteristics: Smoke development ≤50, Flame Spread≤25						EN13501-1 GB 8624 ASTM E136 ASTM E84

Noise Absorption Co-efficient (NRC) test results for other densities are available upon requests.

Compatibility:

Compatible with all other forms of material with which it is likely to come in contact with in normal industrial and building applications.

Moisture:

Water repellent, non-hygroscopic, non-capillary, it does not absorb any moisture from the air.

Biological Properties:

Non-hygroscopic, vermin & rot-proof and will not encourage growth of bacteria, mold or fungi. Non- asbestos CFCs, HFCs and HCFCs in the product and process.

Packaging and Storage:

Supplied in polyethylene shrink wrap sheets for ease overall handling. Products should be stored indoors or under waterproof covering.

