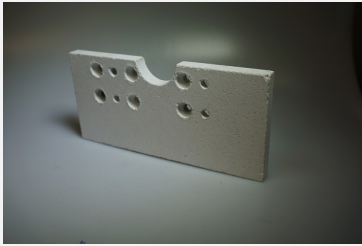


Datasheet AIDuratecXP



AIDuratecXP is a asbestos fibre free glass fibre reinforced calcium silicate large sized board. These boards are made in a density of 1800 kg/m³. Ideal suited for replacing asbestos containing materials in all industrial applications. The material is non-brittle and electrically inert.

Application

Suitable for induction furnace casings, oven walls/cladding. Customised shapes in electrical and thermal insulation component. Arc chutes in switchgear.

Material

Glass fibre reinforced calcium silicate.

Availability

	Value	Unit
Sheet thickness	4, 6, 8, 10, 12, 15, 20, 25, 30, 40, 50	mm
Sheet size	900x1200	mm



AIDuratecXP - Specifications

Physical properties

	Test standard	Value	Unit
Density		1,8	g/cm ³
Thermal conductivity		0,32-0,38	W/m°K
Specific heat capacity		1,05	kJ/kg.K

Mechanical properties

	Test standard	Value	Unit
Compressive strength static		185	N/mm ²
Bending strenght		45	Mpa

Thermal properties

	Test standard	Value	Unit
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Friction properties

	Test standard	Value	Unit
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Electrical properties

	Test standard	Value	Unit
Resistance to tracking (CTI)		600	CTI