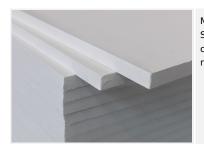


ASEC Products Marketing 17 6921 RE Duiven The Netherlands T. +31 316 84 44 01 info@asecproducts.com www.asecproducts.com

# **Datasheet AIPromatectL**



Mineral bonded, lightweight non-combustible steam-cured calsium silicate board with moisture resistant properties. Suitable for the fire-resistant protection of steel columns and beams and the realization of wall, shaft wall and ceiling constructions with a fire separating function, which must also meet certain requirements with regard to moisture resistance.

### Application

Fire-resistant cladding of steel beams, ceilings, walls and shaft closures.

#### Material

Mineral bonded, lightweight non-combustible steam-cured calsium silicate

#### Availablity

	Value	Unit
Sheet thickness	15, 20, 25, 30, 40, 50	mm
Sheet size	1200x2500/3000	mm



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# AlPromatectL - Specifications

## **Physical properties**

	Test standard	Value	Unit
Thermal conductivity		0,083	W/m°K
Water absorption at 23 °C		0,77	g/cm³

### **Mechanical properties**

	Test standard	Value	Unit
Tensile strength		1,3	N/mm²
Bending strenght		> 1,7	МРа
Compressive strenth perpendicular		2,4	N/mm²

## Thermal properties

Test standard	Value	Unit

## **Friction properties**

	Test standard	Value	Unit
Electrical properties			

			Test standard	Value	Unit
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