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# 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 |

The information in this datasheet is provided for general purposes only and not meant to be a specific recommendation for any individual application. All values were determined under laboratory conditions. ASEC Products is not directly neither indirectly responsible for any claim resulting from the use of any information provided in this datasheet.
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# AIPromatectL - 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 | MPa |
| 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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