

Technical Data sheet - Self Adhesive Wall Guard

CP Series

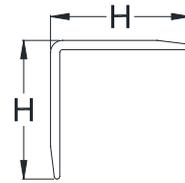
Self Adhesive Wall Guard

The Alusite aluminium wall guard is a simple interior protection for walls, corners and doors.

It comes with a high strength self adhesive, thus offering quick and easy fixing.

Protecting your wall corner against damages by trolleys, the durable profile is designed to absorb and deflect impact.

A wide range of colours is available to complement virtually any interior finish.



Aluminium Details

| | |
|---|--|
| European Standard | EN573-3 |
| British Standard | BS1474 |
| American Standard | ASTM B221 |
| Australian Standard | AS/NZ1866 |
| Alloy | 6063 |
| Temper | T5 |
| Composition : Si% | 0.2-0.6 |
| Composition : Fe% | 0.35 |
| Composition : Cu% | 0.1 |
| Composition : Mn% | 0.1 |
| Composition : Mg% | 0.45-0.90 |
| Composition : Zn% | 0.1 |
| Composition : Ti% | 0.1 |
| Composition : Cr% | 0.1 |
| Composition : Al% | Balance |
| Tensile Strength <3mm (N/mm ²) | 175 |
| 0.2% Proof Stress <3mm (N/mm ²) | 130 |
| Elongation <3mm (%) | 8 |
| Flammability | Solid Aluminium is non-combustible material. Does not burn, does not give off smoke when exposed to fire and does not emit sparks on impact. |

Self Adhesive Tape Specific technical

| | | |
|--|---------------------------|-------------------------------|
| Certified and recognized according | UL 969 | |
| Fogging value reflectometric in accordance | DIN 75201, method A | 98,9 % |
| Fogging value gravimetric in accordance | DIN 75201, method B | < 0,2 mg |
| Odour value in accordance after 24 h storage at room temperature | VDA 270 | not bothering |
| Shear Strength on Steel, at +23 °C +/- 2°C | DIN EN 1943, edition 1996 | 9 N/625 mm² |
| Peel Strength on Steel, at +23 °C +/- 2°C | DIN EN 1939, edition 1996 | 30 N/25 mm |

Self Adhesive Tape Application

| | |
|-------------------------------------|-----------------------|
| Recommended application temperature | 18 °C to 35 °C |
|-------------------------------------|-----------------------|

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General Product Information

Product advantages

- Excellent initial adhesion (tack) and cohesion
- Good resistance to ageing and UV-radiation
- The outstanding viscoelastic adhesive formulation makes it particularly suitable for coarsepored material surfaces

Main application fields

- Self-adhesive preparation of plastics, metal, paper, ceramics, textile, foam and felt
- Used in the manufacture of carpet trims

Product features

Initial adhesion
Final adhesion
Dimensional stability
Adhesion on even surfaces
Adhesion on rough surfaces
Ageing resistance
Weathering resistance
Chemical resistance
Resistance to plasticizers

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● ○ ○

● ● ● very suitable

● ● ○ suitable

● ○ ○ suitable with reductions

Applicability on

Foam
Rubber
Fabric
Glass/Ceramics
Wood
High energy plastics: PVC, PC, ABS,...
Low energy plastics: PE, PP,...
Metal
Paper/Cardboard

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○ ○ ○ not suitable

Laboratory Test Details

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|---------------------------------|---------------------|------------------|
| Toxicity and Heavy Metal (RoHS) | ISO 3613 | Passed |
| Toxicity and Heavy Metal (RoHS) | US EPA 3052 & 6010B | Passed |
| Salt Spray (Corrosion Test) | ASTM B 117-03 | 240 Hrs |
| Accelerated Weathering test | ASTM G154 | 1,000 Hrs |

Maintenance

Alusite Series utilizes 6063 aluminium alloy commonly used for building material. As with any finished building material, anodized aluminum requires reasonable care prior to and during installation and periodic cleaning and maintenance after installation. Although anodized aluminum possesses exceptional resistance to corrosion, discoloration, and wear, its natural beauty can be marred by harsh chemicals, rough conditions or neglect. Such conditions usually affect only the surface finish and do not reduce the service life of the aluminum. However, scratching and wear and may be damaged by tile adhesive, mortar, or grouting material. Therefore, setting materials must be removed with a sponge and warm water immediately.

Precautions

Remove and clean adhesive or grout residue from visible surfaces immediately. Avoid using aggressive alkaline or acid cleaners on aluminum finishes. Do not use cleaners containing trisodium phosphate, phosphoric acid, hydrochloric acid, hydrofluoric acid, fluorides, or similar compounds on anodized aluminum surfaces. Strong solvents or abrasive cleaners can cause damage to painted surfaces. Always follow the cleaner manufacturer's recommendations as to the proper cleaner and concentration. Test-clean a small area first. Different cleaners should not be mixed.

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