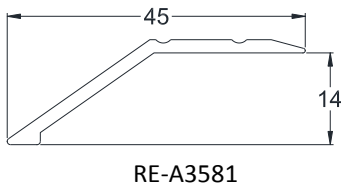
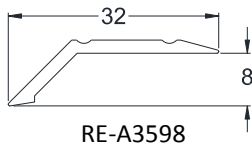
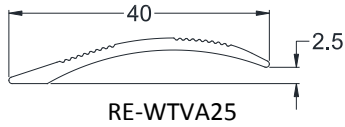


Technical Data sheet - Ramp Transition

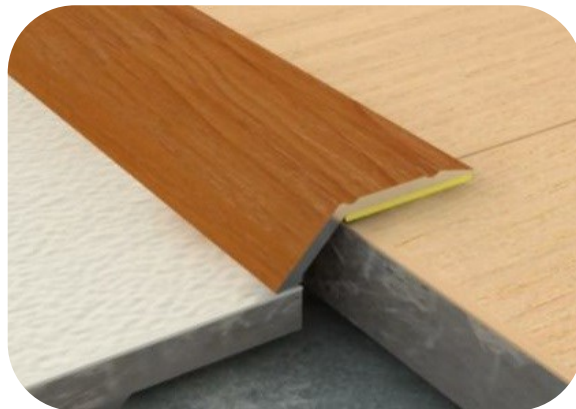
RE Series



Even Floor Transition

Transition cover strips are a multifunctional profile for all types of flooring. It reduces the risk of accidents for pedestrian traffic by covering gaps and height differences between floor coverings.

A transition cover strip also provides a safety ramp where wheeled traffic is expected and ensures that trolleys can move freely between different types and heights of floor covering.



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.

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Technical Data sheet - Ramp Transition

RE Series

Self Adhesive Tape Details

Shear Strength on Steel	DIN EN 1943	23°±2°, 25x12.5 mm/500 g ***>3Day***
Peel Strength on Steel	AFERA 4001	23°±2°, 60 N/25 mm
Temperature range	ASTM B 117-03	-30°C to +70°C

General Product Information

Product advantages

- High initial and final adhesive strength. The high coat makes it suitable also for rough surfaces
- Good resistance to elevated temperatures and excellent adhesion on low-energy plastics like polyethylene and polypropylene
- When bonded, the adhesive has sufficient resistance to UV-light and oxygen
- Not affected by moisture and reasonable resistance to ageing

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	● ○ ○

Applicability on

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

● ● ● very suitable

● ● ○ suitable

● ○ ○ suitable with reductions

○ ○ ○ not suitable

Laboratory Test Details

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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