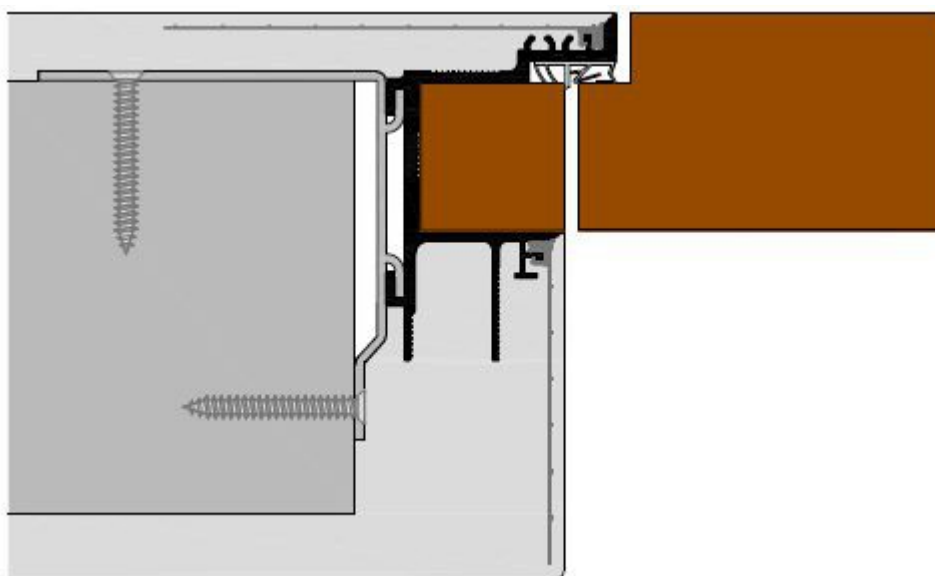

Concealed door frames **TUS** for inward opening doors



Description



The aluminium profiles TUS are used to create **FRAMELESS** doors for solid and dry constructions. Planned for maximal **flexibility** they guarantee perfect finished edges, exact lines and filigree shadow gaps. With the clear lines and the smooth junction between the door leave and the wall they refine the visual effects of the room and accomplish all demands of modern architecture. Thanks to the special structure and the snap-in in mesh they offer a permanent connection between door elements and the wall. They eliminate plaster cracks and avoid an inconvenient acrylic gap. The offered functionality with the fast and professional assembly through corner connectors and wall fixing brackets outstrips the concept of design.

Material



The door profiles are made of raw untreated aluminium alloy EN EW-6060 (Al-MgSi) with a possible toleration according to UNI EN 755-9. This alloy offers good stability values and it especially suits as a construction material for high surface requirements. The profiles are covered by a protective film and are delivered pre-drilled with a length of 2 metres.

Cement and his derivatives produce alkaline substances when getting wet, which can provoke corrosion if they have time to work on the surface of the aluminium alloy. We recommend to keep the profiles clear from cement, glue and joints material.

The above mentioned corrosion will be prevented by the recommended priming and finishing of the profiles in wall colours.

Aluminium is not resistant against all chemical compounds, so the contact with hydrocarbon (HCl) and phosphoric acid (H₃PO₄) should be avoided. Also cleaning products for stones, ceramics and suchlike can damage the surface.

Assembly



The assembly must be done in the bare brickwork. Thanks to the provided accessories the profiles can be assembled easily, joined precisely and set into the wall opening. The corner connectors ensure a perfect technical link of 90 degree between the upright profiles and the upper part. To guarantee a perfect distance the AGS bottom spreader bar should be inserted. After plastering works the door panels must be installed. The manual guide must be read carefully before beginning with the assembly of the frame. For a professional installation only the recommended materials from AGS-systems must be used, otherwise every liability expires.

Door leaves

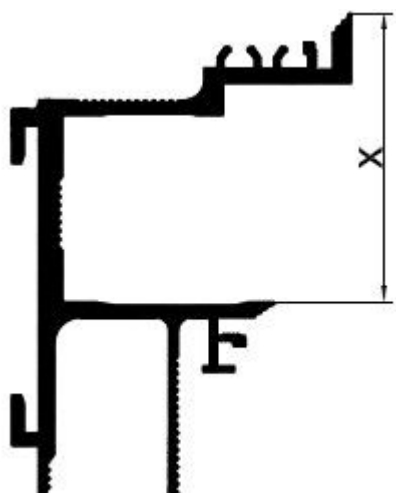


A timber insert with a size of 45, 50, 56 or 59mm must be added to the TUS aluminium profile in order to be able to prepare the millings for hidden hinges, striking panels and other hardware.

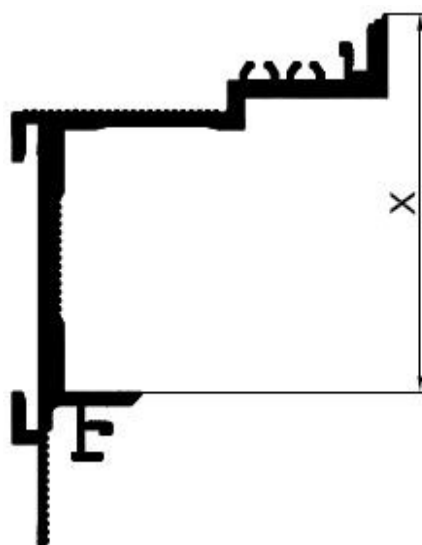
Profiles

The TUS profiles are available as standard lengths of 1100mm, 2200mm and 2750mm on stock ready to be shipped in a short time. All profiles are covered by a protective film and packed/delivered in a kit including the mounting- and fixing accessoires.

TUS 45/50/56



TUS 59



TUS		
<u>Solid and dry construction</u>		
Description	Item number	Width (x)
TUS45	10445	45mm
TUS50	10450	50mm
TUS56	10456	56mm
TUS59	10459	59mm

We guarantee for a high quality of our products. Our processing guidelines are based on tests and practical experiences; they are only indication without assurance of properties, we have no influence on condition of construction sites and the realizations of the works

Country specific regulations, which consist on regional standards, building regulations, processing and industrial guidelines, can guide to specific processing recommendations.