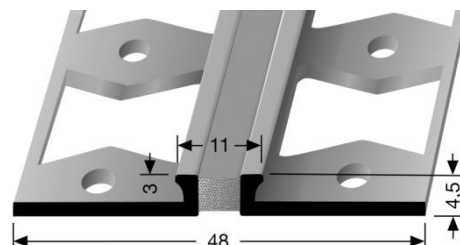
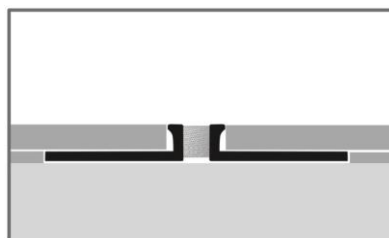


Product specification sheet



- **Profile type:**

301 S



- **Description:**

Expansion joint profile, made of aluminium with resistant silicone joint in grey, black, brown or beige



Edelstahl mit gebogener Kante!
Stainless steel with curved edge!
Acier inoxydable avec bord incurvé!

Expansion joint profile, made of stainless steel with resistant silicone joint in grey or black

- **Application:**

For straight laying of ceramic tiles, natural stones, resilient floor coverings

Only for full-faced gluing of the flooring.

- **Punching:**

closed double-K punching with mounting hole

- **Length of the profile:**

2,50 m

- **Width of the profile:**

48 mm

- **Width of the visible item:**

11 mm

- **Inside dimension:**

3,0 mm

- **Alloy of the profile:**

AlMgSi0,5F22 / Stainless steel 1.4301

- **Anodized colours:**

Alu anodized silver with silicone joint in grey or black
Alu anodized sand with silicone joint in beige
Alu anodized bronze with silicone joint in brown

- **Stainless version:**

Stainless steel polished with silicone in grey or black

- **Stainless steel grade:**

1.4301 = AISI 304
(according to EN 10027-2)

TOLERANZ / TOLERANCE
 $\pm 0,5$ mm

- **Additional information:**

tolerances in size ± 0.5 mm for stainless steel

Product specification sheet



Technical properties silicone joint

Viscosity:	pasty, stable
Density at 23° C, 50% rLf, coloured:	ca. 1,2 g/cm ³
Shore-A-hardness (DIN 53505) coloured:	ca. 28
Tensile expansion (DIN 53504) coloured:	ca. 550 %
Tensile strength (DIN 53504) coloured:	ca. 1,4 N/mm ²
E-Modul at 100% expansion coloured:	ca. 0,40 N/mm ²
Expansion:	25% / ca. 1,5 mm
Temperature resistance:	-40 at + 180°C
Processing temperature:	+5 at +35°C

Special finishes of other silicone colors are available on demand with a minimum quantity of 50 lengths

Product specification sheet



Küberit Aluminium and Stainless steel expansion joints

Preventive Maintenance Programme

A regular maintenance programme should be employed to prevent the build up of dirt and grease, which will reduce the anti-slip properties of the profile and detract from the appearance of the product.

Daily cleaning

Brush down the profiles using a soft bristled brush and remove dust particles by wiping with a damp cloth.

Twice Weekly or as Required

Brush down the profiles using a soft bristled brush. With clean, hand warm water, containing the correct dilution ratio of ph neutral cleaning solution apply a small amount to a wet green scotch pad and gently clean the surface of the profiles in a left to right motion. During the clean, the water must be changed on a regular basis. Do not soak the profile. Once the profile has been cleaned thoroughly rinse with fresh, clean water and dry with a dry lint free cloth.

On completion the floor should not be used until completely dry.

Stubborn marks such as boot blacking may be removed from aluminium profiles with or without water, solvents or detergents by means of a very fine Polishing & Sanding Rubber as the sanding block "Schleiffix" with a grain of 240. Oxidation on the aluminium can be removed with the help of usual polishes.

The movement joint consists of a soft special silicone sealant and is resistant to fungi and bacteria. However, any cleanser must be free of hydrochloric and hydrofluoric acid.



Küberit Aluminium and Stainless steel expansion joints

1. It should be ensured that all surfaces to which the profile is to be fixed are dry, flat and free from any contaminants
2. Choose the Küberit Expansion Joint according to the thickness of the floor.
3. Cut the profile to the sized required.
4. Apply mortar or adhesive (depending on the applied floor) with a notched trowel.
5. Press the Küberit Expansion Joint with its perforated setting legs into the mortar or glue and adjust it.
6. Press and adjust the floor covering in such a way that it is at one level with the upper profile edge (the profile is not supposed to be higher than the tiles, we recommend to keep it 1 mm lower). Attention: Please always install the floor without any air inclusions in the profile area.
7. For ceramic tiles provide a joint of about 1-1.5 mm between the floor and the profile.
8. In case of ceramic tiles, fill in mortar into the joining zone between the profile and the floor.
9. If any further information is required, please do not hesitate to contact Küberit export team, +49 2351 9507-0 or fax on +49 2351 9507 200 or ask for our installation guideline movie on DVD.

Attention: For the cutting of stainless steel please pay attention that the cutting is made with tools which are made especially for steel, the correct speed of cutting to avoid that the steel gets blue.

The indicated data are typical or average values, but are not assured attributes. This product is not subject to the Construction Products Regulation.

Product specification sheet



Küberit Aluminium and Stainless steel expansion joints / aluminium profile

Section 1: company identification

Product(s): expansion joint / aluminium profile

Manufacturer: Küberit Profile Systems GmbH & Co.KG

Römerweg 9
58513 Lüdenscheid
Germany

Section 2: composition/information on ingredients

Aluminium alloy AlMgSi0,5F22

Section 3: Potential hazards identification

N/A

Section 4: First aid measures

N/A

Section 5: Fire Fighting measures

Remove uninvolved people from vicinity of the fire.

Extinguishing media
Dry powder, water mist, foam, carbon dioxide.

Protective equipment
In major fire situations, toxic and corrosive vapours will be evolved and self-contained breathing apparatus and acid resistant protective clothing should be worn

Section 6: Accidental release measures

N/A

Section 7: Handling and storage

Store in a dry, ambient temperature and unstressed conditions.

Section 8: Handling and storage

No personal protection required

Section 9: Physical and chemical properties

Form: solid article
Colour: various
Odour: slight characteristics
Solubility (water): insoluble
Decomposition temperature: N/A

Section 10: Stability and reactivity

Stable material.
Avoid overheating and contact with oxidising agents

Section 11: Toxicological information

N/A

Section 12: Ecological information

This product is considered to be ecologically benign, but is not readily decomposed by weathering or by microorganisms.

Section 13: Disposal consideration

If possible recycle otherwise disposal should be in accordance with local, state or national legislation. Bury in an authorised landfill site or incinerate under approved controlled conditions.

Section 14: Transport information

Classification for conveyance not required.

Section 15: Regulatory information

As this product is an article, no special classification or labelling required according to the Approved Supply List produced for the purposes of CHIPS regulations 1995.

Section 16: Legislation and other information

N/A

This safety data sheet was prepared in accordance with the CHIP Regulations as implementing (as respects Great Britain) Directive 91/155/EEC.