

Technical Specifications Ferney Group BV

Ferney Group BV

Ampèrestraat 15

1704 SM Heerhugowaard

Netherlands

Date : 10-11-2022

TSFK(E) 04/1516405 t/m 1516406

Rev : F

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Product: Kelfort® Power-TEC (Engels)



Issued by: SB

Confirmed by: SL

The product:

Kelfort® Power-TEC is a high quality and professional adhesive with extreme high grab properties based on hybrid technology with cures under influence of humidity to form a durable elastic rubber.

Applications:

For bonding many building materials, such as stone, concrete, glass, plasterboard, PU, uPVC, hard plastics, enamel, ceramic, copper, lead, zinc aluminium, metals, stainless steel, HPL and cement fibre panels, wood and paintsystems.

Limitations:

Not suitable for mirrors, PE, PP, PC, PMMA, PTFE, neoprene and bituminous substrates.
Not suitable for movement joints.
Not suitable in combination with chlorides (pools).

Benefits:

Extreme high initial tack, no need of fixation or support during curing, high strength, high E-modulus and high mechanical resistance, free of isocyanates, phthalates, solvents and silicones. Durable elastic, no shrinkage and bubble free, non corrosive to metals, neutral curing, almost odourless, good resistant to weather and moisture, adheres perfectly without primer on most, even damp, surfaces.

Execution:

Colour:

White (1516405) en black (1516406).

EAN-codes:

1516405 => 8714678014352 (cartridge).

1516405 => 8714678096044 (carton with 12 cartridges).

1516405 => 8714678071867 (pallet with 1248 cartridges).

1516406 => 8714678059414 (cartridge).

1516406 => 8714678930799 (carton with 12 cartridges).

1516406 => 8714678930805 (pallet with 1248 cartridges).

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<u>Packaging:</u>	Cartridge of 290 ml.
<u>Quantity/carton:</u>	12 cartridges.
<u>Dimensions of carton:</u>	(l x w x h): 20.5 cm x 15 cm x 24 cm.
<u>Dimensions of pallet:</u>	(l x w x h): 120 cm x 80 cm x 110 cm.
<u>Quantity/pallet:</u>	104 cartons.
<u>Product details:</u>	The production date and the batch number are mentioned on the cartridge.

Shelf life: Min. 18 months in closed packaging at a temperature between +5 °C and +25 °C.

Technical specifications:

Base	Hybrid
Density	1,57 g/ml
Curing Time	± 2-3 mm/24 hours
Shore A	55 Shore A (DIN 53505)
Skin Formation	15 min (@23°C/55% RH)
Tensile Strength	2,20 MPa (N/mm ²)
100% Modulus	1,39 MPa (N/mm ²)
Flow	< 2 mm (ISO 7390)
Application Rate	20 (g/min @3mm/4 bar)
Temperature Resistance	-40°C till +90°C

Surface preparation: Application temperature +5 °C to +40 °C (environment and substrate). Surfaces must be clean, dry and solid. Clean surfaces with Kelfort® cleaner. Kelfort® Power-TEC adheres perfectly without the use of a primer to most non porous substrates. Porous surfaces to be pre-treated with a primer. Always test adhesion prior to application. Use Kelfort® finisher to smooth the joint.

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Directions of use:

Apply adhesive with the provided V-nozzle in a 'ventilating way' in vertical stripes with 10-20 cm distance in between. Bring the materials into position and press well to make sure that the thickness of the adhesive is minimum 2-3 mm between material and surface. Do not apply the adhesive in dots! Because of the high initial strength support during curing is usually not necessary. For further questions please contact our technical department.

Cleaning:

Uncured material and tool can be cleaned by using Kelfort® cleaner. Cured material can only be mechanically removed. Hands can be cleaned with Kelfort® handreinigingsdoekjes.