PASSIVE **HOUSE** SYSTEMS

Fasatan TFS Adhesive Sealant

Fasatan® TFS is suitable for internal and external elastic bonding:
• for the bonding of our construction sealing membranes Fasatan® and Fasatyl®,
• for the bonding of rebates, mitres and overlaps,
• for internal and external joint sealing,
• for bonding of construction components made from plaster, natural stone, aluminium, steel, zinc, copper, glass, wood, MDF, tiles, ceramic among each other or on solid mineral subsurfaces.
Fasatan® TFS is a flexible, single-component adhesive sealant. Fasatan® TFS is resistant to overnight condensation and cures with atmospheric moisture to a flexible, rubbery plastic. This has excellent weather and chemical resistance.

Technical Information

• Very rapid and secure working,
• free of solvent and neutral in odour and resistant to overnight condensation,
• offers a wide spectrum of adhesion to concrete, aluminium blank and powder coated, unplasticised PVC, wood as well as many other normal building materials,
• good adhesion force also on many solvent sensitive subsurfaces,
• processing possible from – 5 °C on under destined conditions,
• single-sided adhesive application and no pre-treatment of the membrane,
• adjustment possibilities for laminate up to 30 minutes after adhesion,
• possesses excellent weather, UV and chemical resistance.

Processing Notes

Depending on underground about 10 m per 600 ml tubular bag, nozzle diameter 8mm. At 1 mm layer thickness of the adhesive the consumption is approx. 1 l / m2, i.e. a 600 ml tubular bag suffices for approx. 0.6m2 adhesion surface. The internal seal must be more vapour diffusion tight than the outer seal. Therefore Fasatan® must be used for the outer seal and Fasatyl® for the inner seal. Care must be taken during sealing that the joint space is first well insulated with suitable material (mineral wool or other) to avoid heat bridges and undershooting the dew point on the inside.

Technical Data

Basis	silane terminated polymer
Colour	black
Curing System	atmospheric humidity
Transfer Rate	> 100g/min, DIN52 456 - 6mm
Spec. weight	approx. 1.5g/cm3, DIN52 451 - PY
Skin formation time	approx. 1h, +23C / 50% r.h.
Curing	approx. 2mm/24h, +23C / 50% r.h.
Volume change	< -3%, DIN52 451 - PY
Stress-strain value at 100%	approx. 0.4N/mm2, DIN52 455 NWT
Tensile strength	approx. 1.0N/mm2, DIN53 504
Shore A Hardness	approx.25, DIN53 505, 4 weeks +23C
Permissible net deformation	25%
Temp. resistance	-40C to +80C
Processing temp.	+5C to +40C, verified by cert. from MPA, under destined conditions

UK Passive House Systems Ltd.
Epping, Essex, CM16 6TH
Tel:08454591500
Website www.passivehousesystems.co.uk

Ireland. Passive House Systems.
Aherla, Co. Cork, Ireland
Tel: (00353) 021 4289407
Website www.passivehousesystems.ie