



# Tec7

GLUE, MOUNT AND SEAL

- ✓ Unique bonding capacity
- ✓ Adheres to both wet and dry substrates
- ✓ High UV and fungus resistance



## Technical Info

- Flow: 5 bar/ 3 mm/ 23°C 140g/min.
- Skin formation: 23°C 50% R.V. 8 minutes.
- Tack-free: 23°C 50% R.V. 25 minutes.
- Full hardening: 23°C 50% R.V.:
  - 24h - 6 mm
  - 48h - 7 mm
  - 72h - 8 mm
- E-modulus 100%: 172N/cm<sup>2</sup> /1.72 Mpa.
- Electric resistance: 2,6 x 10//BS10//ES Ω/cm.
- Volume shrinkage after curing: <3%.
- Hardness - DIN 53505: 60 Shore A.
- Tensile Strength:
  - after 7 days: 260 N/cm<sup>2</sup>
  - after 1 month: 280 N/cm<sup>2</sup>
  - after 3 months: 310 N/cm<sup>2</sup>.
- Tear strength - DIN 53504: 140N/cm<sup>2</sup> /1.40 Mpa.
- The ambient temperature for application: between +5°C and +40°C.
- Thermal stability: -40°C to +90°C /peak: 155°C max. 30 minutes.
- Elongation at break - Din 53504: > 350%.
- Air permeability (according to report 3P02093 of the SP TRI in Sweden: >0,2m<sup>3</sup>/m<sup>2</sup>).
- Non-toxic.
- Water vapour transmission (DIN EN ISO 12572): 1,6.
- Pressure resistance (ISO 11432): 1,19 N/mm<sup>2</sup>.
- Chemical resistance:
  - good: water, seawater, aliphatic solvents, oils, greases, diluted organic acids, lyes
  - moderate: esters, ketones, aromatics.
  - poor: concentrated acids, chlorinated solvents, chlorine of swimming pools.
- Shelf life: 18 months.

## Packing

Tec7 black - cartridge 310ml

535106000

## Product

### Characteristics

- After curing, super strong and permanently elastic.
- Free of phthalates, solvents and isocyanates.
- Safe on mirrors, no markings on natural stone.
- Almost odourless.
- Even on wet, slippery surfaces.
- Fungus and bacteria resistant.
- Water and airtight.
- Can be used on most building materials.

### Applications

- For all applications: in the construction and sanitary sectors and general maintenance. Tec7 replaces mounting, wood and PU adhesive, silicone sealant, sanitary silicone sealant, acrylate adhesive, butyl caulking.
- As a universal adhesive, Tec7 adheres to most substrates and does not attack synthetic materials.
- To mirrors (vertical adhesive beads), natural stone (does not bleed through), metal, polyester, polystyrene foam, moist substrates, even under water.
- To seal steel, welded steel and tack welded steel( also stainless steel type 316 and 316L), thus preventing rust.
- Overpaintable with most common paints.
- Alkyd resin-based lacquer, applied to Tec7, can have a slower drying process.
- Tec7 has lower adhesion on PP, PE, bitumen and silicones.

Tec7 white - cartridge 310ml	535206000
Tec7 brown - cartridge 310ml	535406000
Tec7 green - cartridge 310ml	535606000
Tec7 terracotta - cartridge 310ml	535706000
Tec7 oak - cartridge 310ml	535806000
Tec7 beige - cartridge 310ml	535906000
Tec7 grey - cartridge 310ml	535306000
Tec7 - display sixpack	998015000
Tec7 box - 4 sixpacks white	998013000
Tec7 box - 4 sixpacks grey	998014000
Tec7 grey - sausage 600ml	535308000
Tec7 white - sausage 600ml	535208000
Tec7 black - sausage 600ml	535108000
Tec7 white - tube 50ml blister	535203000
Tec7 white - tube 100ml	535205000

## Use

- Processing temperature: from +5°C to +40°C.
- Apply to clean, dust and grease-free substrate.
- If necessary clean with Tec7 Cleaner or Multiclean.
- Apply with manual or air caulking gun (best with telescopic plunger).
- \*Test the adhesion to plastics, powder coatings, exotic woods and bituminous materials. Start by strengthening weak and/or porous substrates with Fixprimer.
- Alkyd resin will harden slowly.
- Use Tec7 Cleaner to clean and degrease safely, obtain the perfect finish, and to remove uncured Tec7 polymers. Use HP Clean to finish porous materials.

When glueing mirrors in sanitary facilities only apply vertical strips of adhesive to avoid stagnant moisture due to condensation. Ideal adhesive thickness for optimal adhesion strength: 3 mm.



## CONSUMPTION IN M PER 310 ML

Width of joint in mm →	5	7	10	12	15	20	25
Depth of joint in mm ↓							
5	12	8	6				
7		6	4	3			
10			3	2,5	2,0	1,5	
12				2,1	1,7	1,2	1,0
15					1,3	1,0	0,8