

# TEC7

## GLUE, MOUNT AND SEAL

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



## GENERAL INFORMATION

### Product description

- 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.



### Available packages & colors

SKU	EAN	Description
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535105000	5414195022641	Tec7 black - tube 100ml
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535106000	5414195535165	Tec7 black (RAL 9004) - cartridge 310ml
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535108000	5414195535189	Tec7 black (RAL 9004) - sausage 600ml
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535109000	5414195020968	Tec7 black - sausage 400ml
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535203924	5414195203200	Tec7 white (RAL 9016) - tube 50ml - 6pcs
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535205000	5414195002223	Tec7 white (RAL 9016) - tube 100ml
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535206000	5414195535264	Tec7 white (RAL 9016) - cartridge 310ml
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535208000	5414195535288	Tec7 white (RAL 9016) - sausage 600ml
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535209000	5414195020630	Tec7 white - sausage 400ml
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535306000	5414195535363	Tec7 grey (RAL 7004) - cartridge 310ml
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SKU	EAN	Description
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535308000	5414195535387	Tec7 grey (RAL 7004) - sausage 600ml
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535309000	5414195020975	Tec7 grey - sausage 400ml
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535406000	5414195535462	Tec7 brown (RAL 8017) - cartridge 310ml
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535706000	5414195002544	Tec7 terracotta (RAL 3012) - cartridge 310ml
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535806000	5414195535868	Tec7 oak (RAL 1011) - cartridge 310ml
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535906000	5414195535967	Tec7 beige (RAL 1015) - cartridge 310ml
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## Application

- 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.

# TECHNICAL INFORMATION

## Specifications

- Base: MS polymer.
- Flow: 5 bar/ 3 mm/ 23°C 140g/min.
- Skin formation: 23°C 50% R.H. 8 minutes.
- Tack-free: 23°C 50% R.H. 25 minutes.
- Full hardening: 23°C 50% R.H.:
  - 24h - 6 mm
  - 48h - 7 mm
  - 72h - 8 mm
- E-modulus 100%: 172N/cm<sup>2</sup> /1.72 Mpa.
- Specific resistance: 26,257 GigaOhm per 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 from production. The first seven digits of the batch number form the production date: YY WW, where YY = year (19 = 2019) and WW = week.
- Safety measures: Please consult the safety data sheet.

## Certificate

[lizenz-emicode-ec1-plus-novatech-tec7-en.pdf](#)

[ube-novatech-tec7-en.pdf](#)

[tec7-a-tec-m1-2024.pdf](#)

## DOP

[tec7-dop-210818-en.pdf](#)

## Safety data sheet

[tec7-sds-en-220328.pdf](#)

## Technical data sheet

[tec7novatechtecv2024-02-06-15-19-52en.pdf](#)

## Usage table image

[verbruik-per-310ml-en.png](#)

- Processing temperature: from +5°C to +40°C.
- Apply to clean, dust and grease-free substrate.
- Use Tec7 Prepare & Finish to clean and degrease safely, obtain the perfect finish, and to remove uncured Tec7 polymers. In case of heavy soiling, clean with Tec7 Cleaner and/or Multiclean.
- Apply with manual or air caulking gun (best with telescopic plunger).
- Due to the wide variety of different plastic materials and compositions, as well as materials that are prone to stress cracking, preliminary trials are recommended.
- Test the adhesion to plastics, powder coatings, exotic woods and bituminous materials. Start by strengthening weak and/or porous substrates with Fixprimer.
- Due to the diversity of varnishes and paints on the market we recommend preliminary tests. Using products based on alkyd resins may delay the drying process.
- 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.
- Tec7 has lower adhesion on PP, PE, bitumen and silicones.