WTF® X EXTREME TACK
MOUNTING ADHESIVE

WORLD'S TOUGHEST FIX

EN

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TECHNICAL DATASHEET

TDS

Updated: 28.11.2023



WTF® X EXTREME TACK	
Package size	9.8 FL OZ (290 ml / 405g)
Color	white
Description	Permanently elastic WTF® Hybrid Polymer Tack Technology-based 1-component easy spread and easy to use adhesive, with extreme initial grab and very high final adhesion strength.
TECHNICAL INFORMATION	
Base	SMP (silane-modified polymer), adhesive that dries due to moisture
Composition	Pasty
Consistency	Non-sag
Appearance	Smooth
Staining and bleed	None
Bridging	Very good
Durability	Excellent
Flammability	Nonflammable
Density	1,39 g/ml
Elongation at break	Approx. 300 %
Hardness	58 Shore A
Tensile strength	According to ASTM 464 psi
100 % modulus	According to ASTM 290 psi
Processing time	(+73 °F / 50 % RH) Max. 10 min
Volume change (DIN ISO 10563)	≤ 3 %
Drying	> 2 mm or 0.08 in/day (+73°F / 50 % RH), after 48h >3.5mm or 1.38 in/day
Operating temperature	+40°F....+100°F
Temperature resistance	After drying -40°F....+200°F

LISTED IN THE DATABASE FOR BUILDING PRODUCTS THAT CAN BE USED IN **NORDIC SWAN** ECOLABELLED BUILDINGS.

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TECHNICAL INFORMATION	
Cleaning	When uncured; with alcohol or isopropanol and after drying, mechanically or with a silicone remover or similiar.
Suitable	For indoor and outdoor use
Shelf-life	15 months
Storage	Store protected from frost at 50 °F to 77 °F. A tight foil pouch extends shelf-life.

WARNING

May cause an allergic skin reaction. Avoid breathing dust/fume/ gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see on this label). Wash contaminated clothing before reuse. Dispose of contents/container in accordance with local/regional/national/international regulations. **DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. CONTAINS:** N-[3-(trimethoxysilyl)-propyl]-ethylenediamine. **FIRST AID MEASURES:** After inhalation: Supply fresh air; consult doctor in case of complaints. After skin contact: Wash with plenty of water or water and soap. In cases of sickness seek medical advice (show label if possible). After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist consult a doctor. After swallowing: Drink copious amounts of water and provide fresh air. Immediately call a doctor. **Obtain SDS (Safety Data Sheet) online.**

BENEFITS

- Extreme initial tack
- Does not sag in normal use
- Free of VOC
- Free of phthalates, solvents, isocyanates and silicones
- Applicable with a normal cartridge gun, however stronger is recommended
- Easy to finish, despite the high initial tack
- Very good adhesion for all typical building materials
- Very high final strength
- Also adheres to wet surfaces - even under water
- Adjustable during gluing phase
- Permanently elastic at -40 °F ... +200 °F
- Good sealing properties and mechanical and chemical resistance
- Suitable for almost all materials including natural stones *
- Odorless
- Sandable
- Can be overpainted with almost all paints (see “PAINT COMPATIBILITY”)
- Short-term resistance up to +392 °F
- Does not corrode surfaces

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- Thanks to its composition, it withstands vibration and absorbs shocks
- Withstands thermal expansion and material stresses

APPLICATIONS

Bonding for almost all building materials that require strong initial adhesion. Limited suitability as well for sealing, but the for very best result when sealing consider WTF® Yes! Flex or WTF® Serious Flex, depending on the application.

Widely suitable for gluing building materials such as wood, sheet metal, metal, concrete, cement and stone surfaces, as well as various board materials such as gypsum board, plywood, fibreboard, various wooden boards, wet room boards, acoustic boards, furniture boards, MDF, OSB, etc.

Vehicle windscreen asssembly and container- and car industry. Suitable for non-supported adhesion and fast assembly processes. Flexible adhesion to metals, eg. supporting equipment and machinery construction, various plastics, air conditioning and ventilation systems.

Suitable metal surfaces: powder coated, lacquered, anodised, galvanized, chromed or hot-dip galvanized surface. **Test is always necessary.**

Suitable for wood, most plastics, stone, ceramics and concrete. First, test the product for easily cracking materials and plastics.

Also for mounting mirrors and materials with glass backing. Avoid contact with adhesives from other manufacturers and sealants.

*** Not suitable for:** PP, PE, PTFE (Teflon), bitumen.

SURFACE PREPARATION

For best results, surfaces should be clean, structurally sound, and free of grease and dust. Some difficult surfaces may require mechanical or chemical pretreatment. Clean surfaces with alcohol, isopropanol or acetone, plastic surfaces with detergent solution. If the adhesive connects with other building materials such as coatings, first test for compatibility. Mechanical fasteners must be used for wall cabinets.

USE

- Read all instructions, safety, health and environmental information on the label, technical data sheet and safety data sheet before use.
- Check the best before date of the package (printed on the top of the cartridge, black on black)
- Cut the cartridge top open and attach the nozzle. The easiest way to do this is with WTF® Cartridge Opener, with a cutter or knife. Dispense the product immediately, preferably with a strong structured cartridge gun and press the pieces together. The included V-shaped application nozzle is developed especially for gluing. A battery- or compressed-air cartridge gun can also be used for applying.
- Depending on the bonding surface, the expansion of the material and the mechanical stress of the adhesive layer the recommended thickness is 1-5 mm (0.04 – 0.20 inch). Can be used with

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automatic dosing devices.
- **When gluing:** Apply as stripes or dots using a cartridge gun. Always apply a glue dots to the edges of the materials you want to connect and on the corners in panels.
- **Drywall:** Apply a zigzag-adhesive lines to every stud and press drywall panel on place. Locate panels: edges meet at center of stud. Nail according instructions.
- **Furring strips:** Put a zigzag bead to every strip (1/4" wide bead) Nail to bottom and top in addition.
- **Subfloors:** Apply adhesive beads (1/4") Press and nail subflooring according instructions, or every six inches.
- **Cleaning:** As dry only mechanically or you may try to use a silicone remover or similiar to make it a little easier.
- **Gluing / bonding:** the parts must be connected within the processing time (max. 10 min).

PAINT COMPATIBILITY
Can be overpainted with the most common (waterborne) paints. Due to differences in varnishes and paints on the market, compatibility should always be tested. Use of paints based on alkyd resins can slow down the drying of the adhesive - for the best results, paint after curing. Completely dry adhesive can be exposed to higher temperatures for a short time e.g. in powder coatings.

RESISTANCE TO CHEMICALS
- **Good**
  against water, aliphatic solvents, oils, grease, diluted inorganic acids and bases.
- **Reasonable**
  against esters, ketones and aromatics.
- **Not resistant to**
  concentrated acids and chlorinated hydrocarbons.

IDEAL
- For the heaviest objects that require immediate adhesion
- For building boards, stone tiles, moldings, mirrors and for similar heavy objects

SUITABLE
- For gluing smaller or lighter objects, such as hooks and fittings
- For some sealing, if no other alternative that is better suited for sealing is available

LIMITATIONS
- Best when used as an adhesive, not a great sealant
- Not suitable for swimming pools, aquariums or glazing

CERTIFICATIONS & NOTES
0% Phthalates Solvents

LISTED IN THE DATABASE FOR BUILDING PRODUCTS THAT CAN BE USED IN **NORDIC SWAN** ECOLABELLED BUILDINGS.

ÉMISSIONS DANS L'AIR INTÉRIEUR A+ (A+ A B C)

EMISSION CLASS FOR BUILDING MATERIALS M1

GEV-EMICODE EC1 PLUS very low emission

INDOOR AIR COMFORT eurofins GOLD CERTIFIED PRODUCT

PRODUCT SAFETY ISEGA WITH LETTER AND NUMBER

Suitable for use in areas where food is being processed (ISEGA)

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MOUNTING ADHESIVE

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Meets or exceeds the requirements for ASTM D3498 “Standard Specifications for Adhesives for Field-Gluing **Plywood to Lumber** Framing for Floor Systems”
Meets or exceeds the requirements for ASTM C557 “Standard Specifications for Adhesives for Fastening **Gypsum Wallboard to Wood Framing**”

DECLARATION OF PERFORMANCE / EUROPE (SEALING)

EN 15651-1: F-INT-EXT-CC 12,5E
EN 15651-3: S XS3
EN 15651-4: PW-INT-EXT-CC 12,5E

CE

For more information, see the safety data sheet

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