

PRODUCT FEATURES

Nail-free adhesive is a one-component, solvent free, high-strength modified polymer adhesive. After curing, the glue layer is elastomeric, with excellent adhesion and resistance to changes in temperature and stress. The product is eco-friendly and healthy, and fully complies with the requirements of EU RoHS Directive.

TYPICAL APPLICATIONS

Used for common bonding, sealing and reinforcement of buildings, moisture-proof sealing, assembly and bonding of various materials, such as aluminum edges, handles, crystal plates, marble, towel racks, tissue boxes, and mirrors. Also suitable for bonding and fixing of various wood lines, door casing, gypsum lines, floor tiles, decorative pendants and wall panels.
Bonding and fixing of all kinds of calligraphy and paintings, signage, acrylic, and display cabinets.
Other DIY projects.

PROPERTIES BEFORE CURING

	Typical value	Range
Appearance	White/black/grey	
Chemical composition	White/black/grey: 1.40	1.30~1.60
Density (g/cm ³) (GB/T13354-1992)	50±1	
Tack-free time (min) (25 °C, 50%RH) (GB/T13477.5-20)	15	10~30

PROPERTIES AFTER CURING

	Typical value	Range
Tensile strength (MPa) (GB/T528)	3.0	≥2.5
Elongation at break (%) (GB/T528)	300	≥200
Shear strength (MPa) (GB/T7124)	2.0	≥1.8
Working temperature (°C)		-40~100

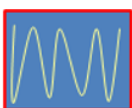
DIRECTIONS FOR USE

- Clean the surface of the substrate, remove water, oil and dust, keep the substrate dry, and make sure the substrate is firm, with no loose material or release agent.
- After aligning with the substrate, squeeze out the right amount of glue and apply it on the surface of the substrate.
- See the schematic diagram for the specific gluing method.
- Tightly press the glue at the bonding place. 5~8 minutes after gluing, the bonded object can be moved appropriately to adjust the position. For the bonding of heavy objects, auxiliary fixing is needed before full cure to ensure the bonding effect.
- After bonding, the glue can generally be cured in 48 hours at room temperature; if the bonded object/rack needs to bear weight or hang heavy objects, it needs to be cured for 72h or more to ensure the load-bearing effect and safety.
- Unused adhesive should be immediately sealed for storage. When used again, if there is a small amount of crust on the seal, just remove it before using.

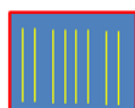
SCHEMATIC DIAGRAMS OF GLUING METHODS

Cannot be used as structural sealant;
Not suitable for use on the surfaces of all materials that exude grease, plasticizer or solvent, such as oil-impregnated wood;
Not suitable for use in unventilated places, as the sealant needs to absorb moisture from the air to cure;
Not suitable for use on frosted or wet surfaces;
Not suitable for use in places that are continuously soaked or wet all year round;
Not suitable for use on copper, lead or galvanized metal surfaces;
Not suitable for sealing polycarbonate materials.
Not suitable for application when the surface temperature of the material is below 4°C or above 40°C; Under low humidity (<50%RH) or large temperature difference between day and night (>15°C), the glue line may bulge, which does not affect the sealing performance.

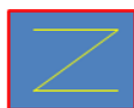
TECHNICAL SERVICE



W method



Vertical line method



Zigzag method



Union Jack method

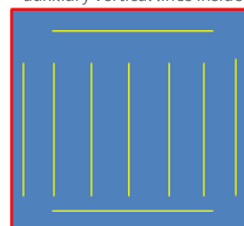


Horizontal line method

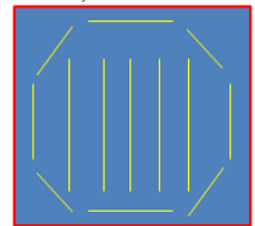


Vertical line method

Open quadrangle, with multiple auxiliary vertical lines inside



Open octagon, with multiple auxiliary vertical lines inside



CAUTIONS

Keep away from children for storage.
If the skin is accidentally exposed to the product, wipe with a cloth and wash with water before it cures.
If the eyes are accidentally exposed to the product, rinse immediately with water.
Use in a well-ventilated place is recommended.
Please consult the MSDS of the product for safety information.

PACKING SPECIFICATION

100 ml/piece, 100 pieces/carton
300 ml/piece, 24 pieces/carton

STORAGE

Store at 8~28°C in a cool and dry place.
Shelf life is 12 months.

NOTE

The information contained herein is believed to be reliable. Due to the wide range of actual conditions, it is impossible for us to have a comprehensive understanding of everything, so we cannot guarantee the correctness and suitability of our product for certain usage and purposes. Users should have a detailed understanding of the product before using it, and then decide for themselves the best way to use it.