

# CHOOSE THE RIGHT ADHESIVE

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# ECO-ADHESIVES

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VARIOUS REPAIRING, POINT GLUING AND FIXING		WOOD, PAPER, TEXTILES		PLASTICS, RUBBER, LEATHER		INSULATION MATERIALS		GLASS, GLASSSED MATERIALS	BUILDING MATERIALS	METAL
		wood	paper, textiles	rigid PVC, ABS, PC, polyester	rubber, leather, artificial leather	Styropor, Styrodur®	mineral wool, glass wool, PU foam	glass, ceramics, porcelain	concrete, stone (marble, granite), anhydrite plates	iron, steel, aluminium
METAL	iron, steel, aluminium	8, 15, 16	6, 16	13, 14, 8, 16	15, 8, 16	8	8, 16	8	8, 16	13, 14, 8
		9, 10	2	9	12, 9	9	9, 10	9	9	9
BUILDING MATERIALS	concrete, stone (marble, granite), anhydrite plates	7, 8, 16	6, 16	8, 16	8, 16	7, 6, 8	8, 16	8, 16	8, 7	
		9, 11	2	7, 11, 9	12, 9	9, 11	9, 11	9	9, 11	
GLASS, GLASSSED MATERIALS	glass, ceramics, porcelain	8, 16	6, 16	8, 16	8, 16	8	8, 16	8		
		9, 10	2	9	9	9	9	9		
INSULATION MATERIALS	mineral wool, glass wool, PU foam	6, 8, 16	6, 16	8, 16	12, 16	7, 8	8, 16			
		1, 9, 11	2	9, 11	12, 9	9, 11	9, 11			
		7, 6, 8	6, 2	8	8	7, 6, 8				
PLASTICS, RUBBER, LEATHER	rubber, leather, artificial leather	15, 16, 8	6, 12, 16	15, 8, 16	12, 15					
		12, 9	12	12, 9	12					
WOOD, PAPER, TEXTILES	rigid PVC, ABS, PC, polyester	8, 15, 16	16, 12	13, 14, 8, 16						
		9, 10	12	9						
WOOD, PAPER, TEXTILES	paper, textiles	5, 6, 16	5, 6, 16							
		2	2							
WOOD, PAPER, TEXTILES	wood	1-6, 16								
		8								
		1-6, 10, 9								

- 1 MEKOL 1001 ECO-ADHESIVES
- 2 MEKOL SPECIAL
- 3 MEKOL EKSPRES
- 4 MEKOL D3
- 5 MEKOL
- 6 MEKOL CREATIVE
- 7 MEKOL MONT

- 8 EPOKOL MIX 5 WATER AND TEMPERATURE RESISTANT ADHESIVES
- 9 MITOPUR A+B
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- 12 MITOPUR R2

- 13 CIANOKOL UNI FAST-SETTING ADHESIVES
- 14 CIANOKOL EXACT
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**1. MEKOL 1001**  
A dispersion adhesive for wood. For assembly and block gluing of wood. The joint is translucent, flexible and strong.



Packing	EAN Code	pcs/carton
15 kg	383 8958 110246	/
5 kg	383 8958 711061	2
1 kg	383 8958 711054	12

**2. MEKOL SPECIAL**  
A dispersion adhesive for wood and paper. For gluing wood, paper, cardboard, textiles and other porous materials. The joint is translucent, strong and flexible.

Packing	EAN Code	Kos/karton
500 g	383 8958 711191	12



Packing	EAN Code	pcs/carton
15 kg	383 8958 711542	/
5 kg	383 8958 711559	2
500 g	383 8958 711597	12

**Useful tips:**  
Dispersion adhesives contain small polymer particles dispersed in water. When setting, the water evaporates and the particles form the adhesive film which binds the surfaces together. At least one gluing surface should be porous to enable water to evaporate. The adhesive should be spread thinly on one of the two surfaces. Applying too much glue prolongs the setting time and results in lower joint strength.

**4. MEKOL D3**  
A water resistant dispersion adhesive for wood. For gluing wooden elements, which are exposed to humidity. For inside and outside use. The joint is translucent, very strong and water resistant according to EN 204 D3.



Packing	EAN Code	pcs/carton
15 kg	383 8958 711641	/
5 kg	383 8958 711658	2
500 g	383 8958 711696	12

**5. MEKOL**  
A dispersion adhesive for wood, paper and textiles. A specially designed bottle allows easy spreading of the adhesive. Wet glue can be easily cleaned up using water. Suitable for children.

Packing	EAN Code	pcs/carton
130 g	383 8958 711290	20

**Useful tips:**  
Dispersion adhesives are water-borne, solvent-free and represent the best ecological choice for the user and the environment. Wet glue can be easily cleaned up using water, which makes it suitable for children. MITOL's dispersion adhesives are recognised by MEKOL brand name.

**6. MEKOL CREATIVE**  
A dispersion adhesive for creative arts and various gluing at home, in school and office. For gluing paper, carton, wood, textiles, leather, artificial leather, cork, photos etc. on metal, stone, ceramics, anhydrite plates, glass, insulation materials, plastics... It can be mixed with water and powdered materials (sand, glitters...). A specially designed nozzle allows easy and precise spreading of the glue. Wet glue can be easily cleaned up using water. Suitable for children. The joint is transparent, strong and flexible.

Packing	EAN Code	pcs/carton
115 g	383 8958 840037	24



**7. MEKOL MONT**  
An assembling solvent-free adhesive. For fast fixing of Styropor, battens, coverings etc. Easy to spread on ceilings and walls. High final joint strength.

Packing	EAN Code	pcs/carton
300 mL	383 8958 512095	12

**Useful tips:**  
After gluing with dispersion adhesives, the hands, tools (brushes, rollers, trowels, sticks), working surfaces, eventual glue stains on the clothes should be immediately washed with water until the adhesive is still fresh. The containers should be closed after the use to prevent drying of glue and clogging of the nozzle.





Correct gluing is the way to join the same or different materials in order to achieve a good joint. This means that the joint strength should be higher than the strength of materials glued and that the joint should be resistant to all influences, to which it is exposed. A quality joint depends on the correct choice of adhesive and correct gluing.

**CORRECT GLUING IN 5 STEPS**

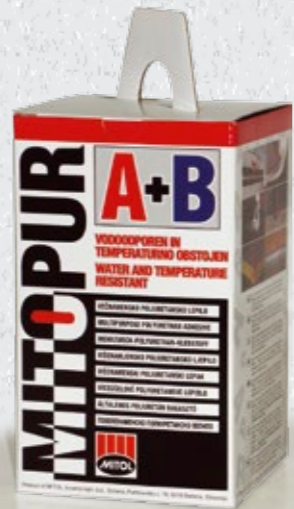
1. Before use, read the instructions and follow them carefully.
2. The gluing surfaces should be dry, clean, free of grease and grinded if possible. Remove dust, rust, bad coating and everything which is not firmly attached to the surface. The oil layer should be removed from metals and plastics by using MITOSOL S50.
3. The best gluing results are achieved at room and material temperature 18 – 20°C, relative air humidity 60 -70%, and by following the directions given on the packaging or in the enclosed instructions.
4. When gluing, respect the open time of the glue. This is the time from applying the adhesive, to the formation of the dried surface or to the hardening of the glue. If the glued surface is put on a dried adhesive, we won't achieve a good joint.
5. If in doubt about the correct choice of adhesive, test it first on a small sample of the surface you want to glue.

If you can't find the right adhesive for your materials, please, call our Customer Service on **+386 573 12 300**. We will be happy to help you.



**8. EPOKOL MIX5**  
A fast curing two-component epoxy adhesive. In less than 20 minutes bonds and fills metals, glass, stone, ceramics, wood, plastics... The joint is translucent, resistant to water, extreme climate conditions, detergents and diluted chemicals. The double syringe assures the correct mixing ratio of the components. Must be stirred well before use.

Packing	EAN Code	pcs/carton
27 g	383 8958 750794	12



**9. MITOPUR A+B**  
A multipurpose two-component polyurethane adhesive. For gluing and filling metals, wood, plastics, ceramics, insulation materials... The joint is resistant to mechanical and climate conditions. The long pot life of this adhesive allows for the gluing and fixing of large surfaces. The mixture is for approx. 3 m<sup>2</sup>.

Packing	EAN Code	pcs/carton
1,25 kg	383 8958 735197	6

**Useful tips:**  
Two-component adhesives set on the basis of the chemical reaction between two components. When preparing the glue, we should strictly follow the correct weight ratio of components. The components should be stirred well until the mixture is one. The mixture should be used up in a given time, it is unusable afterwards. Two-component adhesives set regardless of the applied quantity, and can be used for filling cracks and levelling the rough surfaces.

**10. MITOPUR E20**  
A one-component polyurethane adhesive. Pressing time: 20 min. For the fast gluing of wood, metals, plastics and other materials exposed to weather and high mechanical influences. When setting the adhesive foams slightly. A specially designed plastic bottle allows for an easy and precise application of the adhesive, even when used in small amounts.

Packing	EAN Code	pcs/carton
500 g	383 8958 132095	12



**11. MITOPUR E45**  
A universal one-component polyurethane adhesive. Pressing time: 45 min. For the gluing of wood, metals, plastics and other materials exposed to weather and high mechanical influences. When it reacts with water, the adhesive foams slightly and fills the unlevelled surfaces and assures better contact between materials.

Packing	EAN Code	pcs/carton
500 g	383 8958 134594	12
300 g	383 8958 134587	12



**12. MITOPUR R2**  
A polyurethane contact adhesive for gluing flexible materials, such as rubber, leather, artificial leather, textiles, PVC and other plastics... The joint is translucent, flexible and strong. Excellent water and temperature resistance is achieved by adding the hardener.

Packing	EAN Code	pcs/carton
220 g	383 8958 736194	8

**Useful tips:**  
MITOPUR E20 and E45 set in reaction with humidity. Setting can be accelerated by spraying the applied glue with water and by pressing the glued pieces at high temperature. Protective gloves are recommended when using reactive adhesives like Epokol, Mitopur.

**13. CIANOKOL UNI**  
A universal instant adhesive. For gluing plastics, metals, rubber, ceramics, stone, leather, wood, cork... The joint is temperature and water resistant by EN 204 D4. Fast gluing of smooth and non absorbent surfaces. No-clog cap prevents the adhesive from hardening and assures its long shelf life.

Packing	EAN Code	pcs/carton
3 g	383 8958 840174	12



**14. CIANOKOL EXACT**  
A universal instant adhesive. For gluing plastics, metals, rubber, ceramics, stone, leather... Fast gluing of smooth and non absorbent surfaces. Included nozzle allows for precise point application.

Packing	EAN Code	pcs/carton
10 g	383 8958 840204	8



**Useful tips:**  
Cyanoacrylate glues set when they react with air humidity. Setting can be accelerated when exhaled air comes in contact with the applied glue. The adhesive should be spread in a thin layer on one surface. If too much glue is applied, it whitens the gluing spot, prolongs setting time and results in lower joint strength. CIANOKOL adhesives can be stored at temperatures below +5°C in order to prolong their shelf-life. Such adhesives should be tempered to room temperature before use.

**15. CIANOKOL GEL**  
A universal instant adhesive. For gluing plastics, metals, rubber, ceramics, stone, leather, wood, cork... Fast gluing of rough and absorbent surfaces. No dripping. Allows gluing on vertical surfaces, levelling of uneven surfaces with short time setting possibility. No-clog cap prevents the adhesive from hardening and assures its long shelf life.

Packing	EAN Code	pcs/carton
3 g	383 8958 760892	12



**16. TERMOKOL STICK 16**  
Universal hot melt sticks for fast gluing. For gluing and fixing wood, paper, cardboard, stone, metals, plastics, glass, ceramics, leather, cork, rubber, textiles... Suitable also for decorating. It is used with an applicator for hot melt sticks, diameter 12 mm. The joint is transparent and elastic.

Packing	EAN Code	pcs/carton
1 kg	383 8958 722456	6
200 g	383 8958 722593	12



**Useful tips:**  
Hot-melt adhesives are in solid form at normal temperature. When heated to 200° C they transform to a liquid form suitable for applying and gluing of different materials. When cooling down they bond very quickly. The temperature of adhesive must be high enough to reach a quality joint and good adhesion on the materials. Adhesive should be always applied on the surface, on which it cools down slower. For the metal surfaces we recommend to warm them up slightly before gluing.

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