

**115+ COUNTRIES in 6 CONTINENTS**

**CHEMICALS**

**SOLUTIONS TO YOUR NEEDS**



**Europe, USA, South America**

**India, Africa, Asia, Australia**



**GREAT JOB.  
GREAT SOLUTIONS.**

# SEL SEALANTS GROUP



Sel Sealant is the largest Turkish manufacturer of construction chemicals, with its 2 modern production plants, on a total area of 50,000 square meters.



Sel Sealants was founded in 1991. Selsil is the main brand of the company. Today Sel Sealants is Turkey's largest manufacturer and the only sealant company manufacturing and printing its own HDPE cartridges in the world.



In September 2022 Sel Sealants reached the goal of exporting its products to more than 115 countries different countries in 6 continents.



Sel Sealants has invested and continues to invest in know-how and innovation. Our strength lies in customer relations and customer satisfaction, which makes Sel Sealants one of the best companies to choose for professionalism and efficiency.

## CERTIFICATIONS



ISO 9001/OHSAS 18001  
ISO 14001 / ISO 27001

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# CLEANING PRODUCTS

## CLEANERS

### SELSIL SAF MIRACLE CLEANING PASTE

#### PROPERTIES

*Selsil SAF is a super cleaning paste ideal for cleaning all domestic and non-domestic surfaces. Perfectly clean. Removes grease and dirt. Detergent components of natural origin. Easy to use, with excellent results.*

#### APPLICATIONS

*Thanks to its powerful formulation all stains and rust on pots, barbecues, ceramic tiles, glass, sinks, PVC, garden furniture, paints, boats, hobs will be gone in a minute.*

#### USE

*Pour some Selsil SAF on the stained and dirty surface and rub with the help of a clean cloth. After rubbing, rinse with water. Do not use on plastic, painted wood and aluminum parts. Do not use the product on hands, face and on surfaces that could come into direct contact with food. Do not use directly on hot surfaces. Do not exert excessive pressure on glass and ceramic hobs as the surface could be scratched.*



**NO STAINS NO RINGS. LONG LASTING.**



Type

Content



PAK

500 gr

12 Pz

# CLEANING PRODUCTS

## CLEANERS

### SELSIL SAF MIRACLE FOAM SPRAY

#### PROPERTIES

With its superior-performance foamy formula, Selsil Saf Miracle Cleaning Spray can easily clean and remove even the most stubborn and challenging oils on vertical surfaces just in seconds.

#### APPLICATIONS

It can be used for cleaning dirt and oils on the surface of cooking hobs, ovens, exhaust fans, cooker hoods, cooker hood filters, kitchen counter-tops, exhaust fans, kitchen cupboards and bathroom cabinets, marble, tile and ceramic surfaces, stainless steel and aluminium surfaces, sheet and other metal surfaces, oven trays, pans and cooking pots, PVC and plastic surfaces, bicycle, motorcycle and automobile rims, MDF tables, leather, vinyl and canvas shoes, all painted surfaces, glass surfaces, leather seats and upholstery, faucets and sinks.

#### USE

General Usage Method: Spray Selsil Saf Cleaning Spray on the dirty surface, wait for a while and then wipe it with a sponge or cloth. For surfaces with stubborn, challenging and excessive amounts of dirt repeat the foregoing step.



### NO STAINS NO RINGS. LONG LASTING.



Type

Content



PAK

500 ml

12 Pz

# SEALANTS

## SILICONE

### GENERAL PURPOSE UNIVERSAL SILICONE

#### PROPERTIES

*Selsil General Purpose Universal Silicone is a one-component acetic drying silicone sealant, suitable for sealing in general. It has a very strong adhesion and can be used on the most common non porous building materials.*

*Anti mold product.*

- Remains permanently elastic even after hardening.
- Excellent adhesion on non-porous surfaces. Resists aging and does not discolor.
- Resists a wide range of cleaning chemicals.
- Can be applied in all seasons.
- Sealing of electrical and telephone devices, sockets and switches.







#### APPLICATIONS

*Ideal for general sealing applications.*

- Sealing of doors and windows.
- Suitable for DIY. Bathrooms, kitchens and plumbing systems.
- Connections and expansion joints on glass, porcelain, steel, etc.

#### TECHNICAL DATA

Base	Polimero di Silicone
Polymerization system	Acetic
Density	0.91-0.97 g/ml - (ASTM D 792)
Shore	10-15 ( After 28 Days )
Tack-free time	8-20 min. (23°C and 50% R.H)
Cure rate	Min. 11-12 mm/ Day (23°C e 50% R.H)
Tensile strength	2 N/mm <sup>2</sup> - (ASTM D 412)
Elongation at break	≥350% - (ASTM D 412)
Sagging	0 mm - (ISO 7390)
Application temperature	: +5°C to +40°C

	Ral	Quantity	
	TRASP	260 ml	25 Pz
	9010	260 ml	25 Pz
	9005	260 ml	25 Pz

### KITCHEN & BATHROOM SILICONE

#### PROPERTIES

*Selsil Kitchen and Bathroom Silicone is a high performance acetic cure silicone sealant designed for filling and sealing spaces in a wide range of sanitary applications.*

- Remains clean over time.
- Exceptional resistance to mold and mildew.
- Resists extreme temperatures and aging.
- Does not crack and does not lose color.
- Resists detergents, cleaners and chemicals in general.
- Acetic hardening system.






#### APPLICATIONS

*Joints on sanitary fittings and seals in kitchens and bathrooms.*

- Sealing of joints, windows and weatherproof systems

#### TECHNICAL DATA

Base	Silicone Polymer
Polymerization system	Acetic
Density	0.96 ± 0.03 g/ml - (ASTM D 792)
Shore A	16-17 ( After 28 Days )
Tensile strength	1,5N/mm <sup>2</sup> (ISO 8339)
Tack-free time	11-12 min. (23°C e 50% R.H)
Cure rate	Min. 3 mm/ Day (23°C e 50% R.H)
Elongation at break	≥300% - (ASTM D 412)
Elastic recovery	Approx 100%
Sagging	0 mm
Volume change	< 40 % (ISO 10563)
Temperature resistance	-45°C to +150°C
Application temperature	+5°C to +40°C

	Ral	Quantity	
	TRASP	280 ml	25 Pz
		50 ml	12 Pz
	WHITE	280 ml	25 Pz
		50 ml	12 Pz

# SEALANTS

## SILICONE

### NEUTRAL EXTERIOR SILICONE

#### PROPERTIES

*Selsil Neutral Exterior Silicone for Constructions and Sheet Metal is a neutral polymerization silicone product. Offers high performance and is formulated for filling and sealing applications in a wide range of building materials. Has exceptional adhesive power, odorless and non-corrosive.*

*100% silicone, solvent-free.*

- One-component, moisture-hardening.
- Excellent adhesion on a wide range of porous and non-porous materials.
- Excellent resistance to atmospheric agents, direct sunshine, rain, snow and ozone.
- Fast polymerization.
- Low modulus, high elasticity.







#### APPLICATIONS

- Sealing in sheet metal work, for flashings, copper, steel and galvanized sheet metal gutters, connection joints (walls, concrete, PVC, wood, glass).
- Installation of windows, doors and glass.
- Sealing in kitchens and bathrooms or where almost total absence of odor is required.

#### TECHNICAL DATA

Base	Silicone Polymer (Oxime)
Polymerization system	Neutro
Density (Transparent and Aluminum)	0,98 ± 0,03 g/ml - (ASTM D 792)
Density (Other colors)	1,40 ± 0.03 g/ml - (ASTM D 792)
Shore A (Transparent and Aluminum)	15-20 ( After 28 Days )
Shore A (Other colors)	25-30 ( After 28 Days )
Tensile strength	≥0,4 N/mm <sup>2</sup> (23°C e 50% R.H) (ISO 8339)
Elongation at break	>200% Trasparent
Elongation at break	>250% Other colors
Sagging	0 mm
Temperature resistance	-50°C to +150°C
Application temperature	+5°C to +40°C

	Ral	Quantity			Ral	Quantity	
	Transp	310 ml	25 Pcs		9002	310 ml	25 Pcs
	White	310 ml	25 Pcs		Brown	310 ml	25 Pcs
	Black	310 ml	25 Pcs		Alu.Gray	310 ml	25 Pcs
	Gold Oak	310 ml	25 Pcs		Beige	310 ml	25 Pcs



# SEALANTS

## SILICONE

### AQUARIUM SILICONE

#### PROPERTIES

*Selsil Aquarium Silicone has been specifically formulated for the fabrication of fresh and salt-water aquariums. The bonds are unaffected by continuous immersion in water and, when fully cured, is non-toxic to fish.*

- 100% silicone polymer.
- High strength.
- Solvent free .
- Resistant to ozone, ultra violet radiation and temperature extremes




#### APPLICATIONS

1. Contact area must be dry, clean, free from dust, oil and grease. 2. Ensure neat sealant edges mask the areas adjacent to joints with Masking tape. 3. Cut the tip of the cartridge with angle in accordance with size of the surface to be applied on. 4. Place the cartridge in the gun and inject the joint with the sealant 5. The applied sealant should be smoothed immediately with a wet spatula, tool or finger. Remove masking tape right after smoothing.



#### TECHNICAL DATA

Base	Silicone Polymer
Polymerization system	Acetic
Density	1.02 ± 0.03 g/ml - (ASTM D 792)
Shore A	15 ± 3 ( After 28 Days )
Tensile strength	≥ 1,5 N/mm <sup>2</sup> (23°C e 50% R.H) (ISO 8339)
Elongation at break	>500%
Elastic recovery	Aprox 100 % (ISO 7389)
Sagging	0 mm
Temperature resistance	-50°C to +150°C
Application temperature	+5°C to +40°C

Ral	Quantity	
 Transp	280 ml	25 Pcs
 White	280 ml	25 Pcs

### RTV HIGH TEMPERATURE SILICONE

#### PROPERTIES

*Selsil Silicone for High Temperatures is a high performance silicone sealant developed for sealing, bonding and repair where heat resistance is required. It is an ideal sealant for high temperature building applications. Excellent heat resistance after hardening, up to 250°C permanently, and up to 300°C temporarily.*

*Acetic silicone.*

- 100% silicone.
- Fast curing, high strength.
- Does not create cracks.
- Remains flexible at low and high temperatures.
- One-component.
- Low VOC content.

#### APPLICATIONS

- Automotive gaskets and bonding.
- In heating systems and sealing / sealing furnaces.
- Sealing and gluing in stoves.
- In heating devices.
- For all sealing and bonding that must withstand high temperatures.



#### TECHNICAL DATA

Base	Silicone Polymer
Polymerization system	Acetic
Density	1.02 ± 0.03 g/ml - (ASTM D 792)
Shore A	12-13 ( After 28 Days )
Tensile strength	≥ 1,5 N/mm <sup>2</sup> (23°C and 50% R.H) (ASTM D412)
Tack-free time	7-13 min. (23°C and 50% R.H)
Cure rate	Min. 3 mm/ Day (23°C e 50% R.H)
Elongation at break	>500% (ASTM D412)
Elastic recovery	Aprox > 100 % (ISO 7389)
Sagging	0 mm (ISO 7390)
Temperature resistance	-50°C to +250°C
Application temperature	+5°C to +40°C

Ral	Quantity	
 Red	310 ml	25 Pcs
 Black	310 ml	25 Pcs

# SEALANTS

## SILICONE

### MIRROR SILICONE

#### PROPERTIES

High-performance neutral-based silicone, particularly suitable for damage-free bonding of mirrors of all types and sizes.

- One-component, moisture-hardening.
- Excellent adhesion.
- Not corrosive.
- Fast polymerization.
- Low modulus, high elasticity.
- 100% silicone, solvent free.
- Absence of odor.

#### APPLICATIONS

Mirrored walls in shops, restaurants, gyms.  
- Bonding of mirrors on plaster, concrete, wood, mirrors on doors or ceramic coverings.



#### TECHNICAL DATA

Base	Silicone Polymer (Oxime)
Polymerization system	Neutral
Density	1.02 ± 0.03 g/ml - (ASTM D 792)
Shore A	20 ( After 28 Days )
Tensile strength	> 1.2 N/mm <sup>2</sup> (23°C and 50% R.H) (ASTM D412)
Tack-free time	12-13 min. (23°C and 50% R.H)
Cure rate	Min. 2.5 mm/ Day (23°C 50% R.H)
Elongation at break	> 200%
Sagging	< 2 mm
Temperature resistance	-50°C to +150°C
Application temperature	+5°C to +40°C

Ral

Quantity



Transp

310 ml

25 Pcs

### FIRE STOP SILICONE

#### PROPERTIES

Selsil Fire Stop Silicone is one part neutral curing, gunnable, specially formulated silicone sealant for being barrier against fire. It creates a barrier against fire up to 4 hours.

- Easy application
- Long life reliability and low maintenance
- Superior adhesion to wide range of building materials including concrete and brickwork
- Flexibility with storage time and stock usage
- Can be applied in vertical and overhead joints
- Unaffected by high or low temperatures
- UV Resistant
- Low odor

#### APPLICATIONS

Selsil Fire Stop Silicone was specifically developed for fire resistant sealing of connection and expansion joints in construction, is fire resistant in case of fire. Selsil Fire Stop Silicone is a high performance neutral cure silicone sealant designed to give superior adhesion and durability in a wide range of glazing, weather sealing and trade applications. Selsil Fire Stop Silicone will bond to form a strong weather-proof seal on most common building materials such as: glass, ceramic, steel, aluminum, brick, concrete, most plastics, etc.



#### TECHNICAL DATA

Base	Silicone Polymer
Polymerization system	Neutral
Density	1,41 ± 0.03 g/ml - (ASTM D 792)
Shore	26 ( After 28 Days )
Tack-free time	Aprox 8 min. (23°C and 50% R.H)
Cure rate	2 mm/ Day (23°C e 50% R.H)
Tensile strength	> 1,2 N/mm <sup>2</sup> - (ASTM D 412)
Elongation at break	> 200% - (ASTM D 412)
Sagging	< 2 mm - (ISO 7390)
Application temperature	: +5°C to +40°C
Temperature resistance	-50 °C to + 150 °C

Ral

Quantity



White

280 ml

25 Pcs

# SEALANTS

## ACRYLIC

### ACRYLIC SEALANT

#### PROPERTIES

*Selsil Acrylic Sealant is a one-component, universal, acrylic sealant, suitable for filling cracks and joints both indoors and outdoors. Ideal for static joints with an excellent ratio of plasticity and elasticity.*

- Over paintable.
- Can be used on all porous surfaces (brick, concrete, wood, etc.)
- Very easy to apply and clean.
- Waterproof after hardening.
- Odorless.

#### APPLICATIONS

- Sealing of low and medium expansion joints on various types of building materials (wood, concrete, bricks, etc).
- Filling of cracks and crevices in walls and ceilings.
- Sealing of joints between windows, walls, doors, etc.



#### TECHNICAL DATA

Base	Acrylic polymer
Consistency	Soft paste
pH	7-9
Specific gravity	1,62 ± 0,03 gr/cm <sup>3</sup> (ASTM D 792)
Tack-free time	15 - 60 min (23°C and 50% R.H) (ASTM C 679)
Maximum elongation	≥ 100 % (ASTM D 412)
Temperature resistance	-10 °C to +80 °C
Application temperature	+5 °C to +35 °C

Ral	Quantity	
 White	310 ml	25 Pcs
 Grey	310 ml	25 Pcs
 Black	310 ml	25 Pcs

### EXTERIOR SILICONIZED ACRYLIC

#### PROPERTIES

*Selsil Water Resistant Acrylic Sealant is a water based general-purpose, flexible sealant which is used for jointing and embedding in building construction. It is easy to apply and compatible with most materials used in construction. It is outdoor rated.*

- Form permanently water repellent layer after curing.
- Resistant to weather conditions.
- Remains flexible for a long time after curing. - Paintable.

#### APPLICATIONS

1. Contact area must be dry, clean, free from dust, oil and grease.
2. Ensure neat sealant edges mask the areas adjacent to joints with masking tape.
3. Cut the tip of the cartridge with angle in accordance with size of the surface to be applied on.
4. Place the cartridge in the gun and inject the joint with the sealant
5. The applied sealant should be smoothed immediately with a wet spatula, tool or finger. Remove masking tape right after smoothing.



#### TECHNICAL DATA

Base	Acrylic polymer
Consistency	Soft paste
pH	7-9
Specific gravity	1,52 ± 0,03 gr/cm <sup>3</sup> (ASTM D 792)
Tack-free time	15 ± 45 min (23°C and 50% R.H) (ASTM C 679)
Maximum elongation	≥ 200 % (ASTM D 412)
Temperature resistance	-10 °C to +80 °C
Application temperature	+5 °C to +35 °C

Ral	Quantity	
 White	310 ml	25 Pcs
 Grey	310 ml	25 Pcs
 Ant. Grey	310 ml	25 Pcs
 Brown	310 ml	25 Pcs
 Gold Oak	310 ml	25 Pcs
 Mink	310 ml	25 Pcs

# SEALANTS

## ACRYLIC

### FIRE STOP ACRYLIC

#### PROPERTIES

Selsil Fire resistant acrylic sealant is one component, acrylic emulsion based and specially formulated for being barrier against fire. Suitable for below applications; precast panel joints, control joints in masonry blockwork and sealing around metal ducting/pipe-work etc.

- Water based, contains no asbestos or fibres.
- Easy application.
- Short surface curing.
- Paintable.
- Good adhesion to concrete and masonry substrates.
- Flexible.

#### APPLICATIONS

1. Contact area must be dry, clean, free from dust, oil and grease. 2. Ensure neat sealant edges mask the areas adjacent to joints with Masking tape. 3. Cut the tip of the cartridge with angle in accordance with size of the surface to be applied on. 4. Place the cartridge in the gun and inject the joint with the sealant. 5. The applied sealant should be smoothed immediately with a wet spatula, tool or finger. Remove masking tape right after smoothing

#### TECHNICAL DATA

Base	Acrylic polymer
Consistency	Soft paste
pH	7-9
Specific gravity	1,56 ± 0,03 gr/cm <sup>3</sup> (ASTM D 792)
Tack-free time	15 ± 25 min (23°C and 50% R.H) (ASTM C 679)
Maximum elongation	≥ 110 % (ASTM D 412)
Temperature resistance	-10 °C to +80 °C
Application temperature	+5 °C to +35 °C



### CRACK FILLER

#### PROPERTIES

Selsil Repair Cracks - Plaster Effect is an acrylic sealant designed for repairing plaster before painting.

- Very simple to apply.
- Water repellent after curing.
- Resistant to atmospheric agents, remains elastic.
- Paintable with water-based or oil-based paints.
- Is cleaned with water when still fresh. Very low VOC content.

#### APPLICATIONS

- Specially designed for the repair of small holes, cracks, holes in plaster, plasterboard, wood, gesso, etc.
- Indoor and outdoor use.



#### TECHNICAL DATA

Base	Acrylic polymer
Consistency	Soft paste
pH	7-9
Density	1,78 ± 0,03 gr / ml
Skin formation time	15 min (23°C e 50% U.R.)
Temperature resistance	Da -10°C a +80°C
Application temperature	Da +5°C a +35°C

Ral

Quantity



White

310 ml

25 Pcs

Ral

Quantity



White

310 ml

25 Pcs

# SEALANTS

## ACRYLIC

### ACRYLIC STRUCTURE

#### PROPERTIES

*Selsil Acrylic Structure acrylic sealant is a single-component, acrylic dispersion based sealant. Acrylic Structure can be used sealing the joints cracks, door and window frames, window sills, prefabric materials, stairs, skirting, board, wood, sheet, chimneys, pipes and drains. It can be used for sealing wall cracks and adheres to brick, concrete, plasterwork, wood, glass, ceramic tiles, metals and rigid PVC. Very easy application. Form permanently water repellent layer after curing. UV resistant. Solvent free. Paintable.*

#### APPLICATIONS

- Contact area must be dry, clean, free from dust, oil and grease.
- Ensure neat sealant edges mask the areas adjacent to joints with Masking tape.
- Cut the tip of the cartridge with angle in accordance with size of the surface to be applied on.
- Place the cartridge in the gun and inject the joint with the sealant.
- The applied sealant should be smoothed immediately with a wet spatula, tool or finger. Remove masking tape right after smoothing.



#### TECHNICAL DATA

Base	Acrylic polymer
Consistency	Soft paste
pH	7-9
Density	1,72 ± 0,03 gr / ml
Skin formation time	30 ± 60 min (23°C e 50% U.R.)
Temperature resistance	-10°C a +80°C
Application temperature	+5°C a +35°C
Elongation at Break	>200 %
Tensile Strength	>0.1 N/mm <sup>2</sup>

Ral

Quantity



White

310 ml

25 Pcs



# FOAM POLYURETHANE

## FOR FILLING & BONDING

### POLYURETHANE FOAM (MANUAL)

#### PROPERTIES

*Selsil Polyurethane Foam (Manual) is a one-component, self-hardening and self-expanding polyurethane foam. Ideal for filling and insulation operations. Does not contain propellant gases harmful to the ozone layer.*

#### APPLICATIONS

- Filling and sealing of slits, particularly large joints and cavities.
- Fixing and insulation of windows and doors.
- Filling holes in walls.
- Insulation of electrical outlets and water pipes.



### POLYURETHANE FOAM (GUN)

#### PROPERTIES

*Selsil Polyurethane Foam (Gun) is a one-component, self-hardening and self-expanding polyurethane foam. Ideal for filling and insulation operations. Does not contain propellant gases harmful to the ozone layer.*

#### APPLICATIONS

- Filling and sealing of particularly large cracks, joints and cavities.
- Fixing and insulation of doors and windows.
- Filling of holes in walls.
- Insulation of electrical outlets and water pipes.



#### TECHNICAL DATA

Base	Polyurethane Prepolymer
Polymerization system	Moisture hardening
Specific gravity	23±3 kg/m <sup>3</sup> (ASTM D1622)
Tack-free time (L 1cm)	6 min (ASTM C1620)
Cutting time (L 1cm)	15-30 min (ASTM C1620)
Fire resistance after crosslinking	B3 (DIN 4102-1)
Compression strength	46,9 kPa (DIN 53421)
Tensile strength	92,9 kPa (S01926-79)
Color	Light yellow
Yield	30-45 L (ASTM C1536)
Dimensional stability	-1,33 % (ISO 2796/86)
Can temperature	min. 20°C max. +25°C
Temperature resistance	-30°C to +80°C
Application temperature	5°C to +35°C

#### TECHNICAL DATA

Base	Polyurethane Prepolymer
Polymerization system	Moisture hardening
Specific gravity	23±3 kg/m <sup>3</sup> (ASTM D1622)
Tack-free time (L 1cm)	5-6 min (ASTM C1620)
Cutting time (L 1cm)	15-30 min (ASTM C1620)
Fire resistance after crosslinking	B3 (DIN 4102-1)
Compression strength	41,8 kPa (DIN 53421)
Tensile strength	82,9 kPa (S01926-79)
Color	Light yellow
Yield	30-45 L (ASTM C1536)
Dimensional stability	-0.29 % (ISO 2796/86)
Can temperature	min. 20°C max. +25°C
Temperature resistance	-30°C to +80°C
Application temperature	5°C to +35°C

Ral

Q.ta



Ral

Q.ta



750 ml	12 Pz
750 gr	

750 ml	12 Pz
750 gr	



# FOAM POLYURETHANE

## FOR FILLING & BONDING

### PU ADHESIVE FOAM (MANUAL)

#### PROPERTIES

*Selsil Foam for Pantiles and Tiles, Insulating Panels and Plasterboard (Manual) is a one-component polyurethane adhesive foam that cures rapidly with humidity, with controlled expansion. Provides very strong and fast adhesion on various building materials*

#### APPLICATIONS

- Ideal for fixing tiles and pantiles, thermal and acoustic insulation panels, plasterboard sheets.
- Recommended for bonding wood and concrete building materials.
- Ideal for applications requiring minimal foam expansion (door and window installation).



#### TECHNICAL DATA

Base	Polyurethane Prepolymer
Polymerization system	Moisture hardening
Specific gravity	21±3 kg/m3 (ASTM D1622)
Tack-free time (L 1cm)	6±2 min (ASTM C1620)
Cutting time (L 1cm)	30-40 min (ASTM C1620)
Color	Pink
Yield	45-55 L (ASTM C1536)
Coverage area	Up to 5-10 m2
Fire resistance after crosslinking	B3,E (DIN 4102-1) (EN 13501-1)
Compressive strength	50,2 kPa (DIN 53421)
Temperature resistance	-30°C to +80°C
Application temperature	5°C to +35°C
Tensile Strength	79,3 kPa

Ral      Q.ta     

---

-      750 ml / 850 gr      12 Pz

### PU ADHESIVE FOAM (GUN)

#### PROPERTIES

*Selsil Foam for Pantiles and Tiles, Insulation and Plasterboard (Gun) is a one-component polyurethane adhesive foam that cures rapidly with humidity, with controlled expansion. Provides very strong and fast adhesion on various building materials*

#### APPLICATIONS

- Ideal for fixing tiles and pantiles, thermal and acoustic insulation panels, plasterboard sheets.
- Recommended for bonding wood and concrete building materials.
- Ideal for applications requiring minimal foam expansion (door and window installation).



#### TECHNICAL DATA

Base	Polyurethane Prepolymer
Polymerization system	Moisture hardening
Specific gravity	17±3 kg/m3 (ASTM D1622)
Tack-free time (L 1cm)	6±2 min (ASTM C1620)
Cutting time (L 1cm)	30 min (ASTM C1620)
Crosslinking time	24 hours
Color	Pink
Yield	45-55 L (ASTM C1536)
Coverage area	Up to 5-10 m2
Fire resistance after crosslinking	B3,E (DIN 4102-1) (EN 13501-1)
Compressive strength	50,2 kPa (DIN 53421)
Temperature resistance	-30°C to +80°C
Application temperature	5°C to +35°C
Tensile Strength	79,3 kPa

Ral      Q.ta     

---

-      750 ml / 850 gr      12 Pz

# FOAM POLYURETHANE

## FOR FILLING & BONDING

### FAST CURING ADHESIVE FOAM

#### PROPERTIES

*Selsil Fast Adhesive Foam "TOP20" is a one-component polyurethane foam that is cured by action of the moisture present in the air. It can be used for bonding polystyrene sheets (XPS or EPS) used in the thermal insulation of buildings and structural elements such as decorative jambs. It can also be applied to fill and insulate the spaces between the building elements (therefore excellent, given also its low post expansion, for the assembly of windows and doors).*

#### APPLICATIONS

*During application, the panel and the gun must be perpendicular, and the distance maintained should allow continuous application. Foam should be applied along the edges of the panel while maintaining a distance of about 2 cm from the edges. The panel should be applied immediately after applying the foam and must be pressed against the wall. After fixing a certain number of panels, they must be aligned with a levelling ruler, and the excess foam should be wiped with a spatula or cutter (or a cloth if still damp).*



#### TECHNICAL DATA

Base	Polyurethane Prepolymer
Polymerization system	Moisture hardening
Specific gravity	18±2 kg/m <sup>3</sup> (ASTM D1622)
Tack-free time (L 1cm)	2 min (AST C1622)
Cutting time (L 1cm)	10-15 min (ASTM C1620)
Fire resistance after crosslinking	B3 (DIN 4102-1)
Compressive strength	17,38 kPa (DIN 53421)
Tensile strength	45,11 kPa (S01926-79)
Color	Light yellow
Yield	30-45 L (ASTM C1536)
Dimensional stability	-5% (ISO2796/86)
Can temperature	min. 20°C max. +25°C
Temperature resistance	-30°C to +80°C
Application temperature	5°C to +35°C

Ral

Q.ta



■ - 750 ml 12 Pz

### QUICK COVER THERMAL FOAM

#### PROPERTIES

*Selsil Fast Foam for Thermal insulation "ISOLTOP" is a high quality, one-component insulating polyurethane foam. Quickly provides good thermal and acoustic insulation even on large areas. Can be used on uneven surfaces and hard-to-reach places where it is not possible to use traditional insulating materials.*

#### APPLICATIONS

*The application surface must be clean, dry, free from dust and oil or grease. The can must be shaken vigorously for about 25/30 times before use. Moisten the application surfaces by spraying water on them (this facilitates perfect cross-linking of the foam). Always keep the can upside down during application. Screw the can on the gun. The amount of foam can be adjusted by pressing the trigger or by acting on the screw adjustment on the back of the gun. For vertical application (walls), spray the foam from a distance of about 30 cm from the surface. For horizontal application (ceiling), spray from a distance of 15-20 cm. The product can (and should) be applied in layers, more layers provide better insulation.*



#### TECHNICAL DATA

Base	Polyurethane Prepolymer
Polymerization system	Moisture hardening
Specific gravity	15-20 kg/ M <sup>3</sup> (ASTMC1620)
Tack-free time (L 1cm)	5 min (AST C1622)
Cutting time (L 1cm)	60 min (ASTM C1620)
Crosslinking time	60 min
Fire resistance after crosslinking	B3 (DIN 4102-1)
Thermal conductivity	0,025-0,03 W/m.K
Color	Blue
Can temperature	min. 20°C max. +25°C
Temperature resistance	-30°C to +80°C
Application temperature	5°C to +35°C

Ral

Q.ta



■ - 750 ml 12 Pz





# FOAM POLYURETHANE

## FOR FILLING & BONDING

### STONE & BRICK ADHESIVE

#### PROPERTIES

Thanks to its "collapsing gel technology", Selsil Adhesive Foam for Blocks And Stone "FORCE PLUS" is the ideal solution for laying adjusted blocks and bricks, stone in general and concrete. The particular formulation means that the foam, instead of swelling, reduces its volume after extrusion, creating a powerful adhesive film that guarantees perfect solidity of the product, avoiding excessive thickness (and hence useless and harmful thermal bridges). It is a one-component polyurethane foam that is cured by action of the moisture present in the air.

#### APPLICATIONS

The can must be shaken vigorously about 25/30 times before use, then screwed onto the special dispensing gun. The quantity of foam dispensed can be adjusted by pressing the trigger or by acting on the screw adjustment on the back of the gun. It is in gel form, it does not expand once extruded. Moisten the application surfaces by spraying water on them (this facilitates perfect cross-linking of the foam). Keep the can upright during application. Apply the foam on the surfaces (2 lines of adhesive parallel to each other and 5 to 10 cm apart) and press to make them adhere.



#### TECHNICAL DATA

Base	Polyurethane Prepolymer
Polymerization system	Moisture hardening
Tack-free time (L 1cm)	2-3 min (ASTM C1622)
Full curing time	48 hours
Shear bond strength	10-15 N/mm <sup>2</sup>
Initial grab	15 min
Open time	<2 min
Color	Light yellow
Temperature resistance	-30°C to +80°C
Application temperature	5°C to +35°C

Ral      Q.ta     

-      750 ml      12 Pz

### LOW EXPANSION FOAM

#### PROPERTIES

Selsil Low Expansion Foam is designed for a wide range of building applications; mounting, sealing, filling and insulating. Low pressure formula prevents the bending of window frames.

For fixation of doors, window and door frames, for filling of holes and cracks and to insulate hot and cold water pipes.

#### APPLICATIONS

Shake the can well approximately 20-25 times before use. Turn the dosage trigger and insert the valve or into the gun. The surface should be free of dirt, dust and grease; and to accelerate the reaction and have the best result the surface and the foam should be wet. Use the can in upside down position. The dried pieces of PU Foam should be removed from the valve or the gun, it can be cleaned by using Selsil Foam Cleaner. Please take into account that the volume of the foam expands.

#### TECHNICAL DATA

Base	Polyurethane Prepolymer
Polymerization system	Moisture hardening
Specific gravity	15±3 kg/ M3 (ASTMC1620)
Tack-free time (L 1cm)	10 min (AST C1622)
Cutting time (L 1cm)	15-30 min (ASTM C1620)
Fire resistance after crosslinking	3 (DIN 4102-1)
Color	Yellow
Can temperature	min. 20°C max. +25°C
Temperature resistance	-30°C to +80°C
Application temperature	5°C to +35°C
Tensile Strenght	44,2 kPa
Compressive Strenght	19,9 kPa
Dimensional Stability	-1,09 %

Ral      Q.ta     

-      750 ml      12 Pz

# FOAM POLYURETHANE

## FOR FILLING & BONDING

### DUAL VALVE FOAM

#### PROPERTIES

*Selsil Dual Valve is multipurpose, ready-to-use polyurethane foam and can be used for filling and hardening, offering the quality of gungrade foam with the ease of use of handheld valve. With its special 360° valve, can be applied at any angle.*

*For fixation of doors, windows and doors frames, for filling spaces, to isolate hot and cold water pipes, to stuff up holes and cracks.*



#### APPLICATIONS

*Shake the can well, approximately 20-25 times before usage. Screw application nozzle or gun onto the valve. The surface should be free of dirt, dust and grease and to accelerate the reaction, and to have the best result, should moisture the surface. Use the can in "bottom up" position. The dried pieces of foam should be removed from the valves and pipes, it can be cleaned by using Selsil Foam Cleaner. Take into account that the volume of foam tenders to expend.*

#### TECHNICAL DATA

Base	Mixture of solvents
Consistency	Liquid
Appearance	Transparent

Ral

Q.ta



TRASP

500 ml

12 Pz

### FOAM CLEANER

#### PROPERTIES

*Selsil Spray Cleaner for Foam is a cleaner that removes fresh polyurethane foams from the spray guns after use. Cleans surfaces, clothing, door and window frames, and prevents hardening inside the dispensing guns.*

*- Specifically formulated for cleaning polyurethane foams.*

*- The cleaner is equipped with a valve to remove the foam from the adapter of the dispensing gun.*

*- Can be used in all positions.*

*- The propellant gas used is not harmful.*



#### APPLICATIONS

*- Screw the cleaner package tightly onto the gun and spray.*

*- When the period between applications is longer than a week, do not fit a new foam pack after removing the cleaner from the gun.*

*- It can also be used by means of the supplied spray nozzle.*

#### TECHNICAL DATA

Base	Mixture of solvents
Consistency	Liquid
Appearance	Transparent

Ral

Q.ta



TRASP

500 ml

12 Pz

# GLUES AND ADHESIVES

## QUICK SET

### ACRYLIC SKIRTING ADHESIVE

#### PROPERTIES

*Selsil Acrylic Mounting Adhesive is an acrylic-based adhesive used for bonding numerous building materials. Particularly suitable for do-it-yourself uses thanks its solventless formulation and strong adhesive capacity. Solvent free.*

- Acrylic dispersion.
- Good filling capacity even on rough surfaces.
- Suitable for indoor and outdoor applications.
- Resistant to atmospheric agents.
- Over paintable.
- Low odor emission.

#### APPLICATIONS

- Bonding of materials such as wood, non-polished stones, concrete, plaster, tiles, panels, synthetic building materials, etc.
- Assembly of wooden building elements, wooden panels, plaster decorations, finishes.
- Quick repairs on walls or cracks in the plaster.
- Suitable surfaces: MDF, chipboard, expanded polystyrene, masonry, tiles, ceramic, stone, plasterboard



#### TECHNICAL DATA

Base	Acrylic Dispersion
Density	1.48 ± 0.03 g/cm3 (ASTM D1875)
Tack-free time	30-60 Min. (at 25°C and % 50 RH) (ASTM C 679)
Rate of cross-linking	2 mm/Day (at 25°C and 50% RH)
Temperature resistance	-10°C to +80°C
Application temperature	+5°C to +40°C
Shear strength	(beech-beech)
After 6 hours	> 8-10 kgf/cm2
After 24 hours	> 20-22 kgf/cm2

Ral

Q.ta



9010 310 ml 25 Pz

### PU D4 EXPRESS ADHESIVE

#### PROPERTIES

*Selsil Quick Mounting Adhesive is a fast-curing mono-component polyurethane adhesive. Has high water resistance and adhesion strength. Fast polymerization.*

- Short pressing time.
- Transparent.
- Meets D4 specs according to DIN EN 204.
- Excellent resistance to chemical agents.
- Excellent resistance to humidity and atmospheric conditions.
- Shrink-free.
- Low odor emission.
- Can be used on slightly wet substrates.



#### APPLICATIONS

- Fixing and gluing of wooden elements to other porous and non-porous elements such as wood, metal, concrete, expanded polystyrene and other plastics.
- Furniture manufacture and boat building.
- Fixing of raised floor installations in combination with mechanical devices.
- All bonding applications that require high water resistance.

#### TECHNICAL DATA

Base	Polyurethane prepolymer
Color	Transparent
Density	1.15 ± 0.03 g/ml
Tack-free time	5 – 10 min (At 23°C and %50 RH)
Consistency	Thixotropic
Shrink	None
Pressing time	15 – 20 min
Temperature resistance	-40° C to + 90°C
Application temperature	+ 5°C to + 35°C
Maximum shear strength	(beech-beech)
After 24 hours	8-9 N/mm2
After 7 days	>10 N/mm2

Ral

Q.ta



TRASP 300 ml 12 Pz

# GLUES AND ADHESIVES

## VINYL

### MONTAGE KIT

#### PROPERTIES

*Selsil Solvent Based Adhesive is a quick adhesive for panels and is also ideal for filling. Adhesive based on a synthetic rubber/resin mixture with high adhesion strength in a solvent environment. Particularly suitable for fixing materials such as wood, concrete, plastic, stone, friezes, brackets, cabinet covers, PVC, mounting panels, etc*

#### APPLICATIONS

- Solvent-based formula: fast drying / high initial adhesive strength.
- Excellent adhesion strength: adheres to most common surfaces.
- Exceptional early setting properties, usable both in vertical and horizontal position.
- Formulations with high solids content and excellent non-shrinkage gap filling properties.
- Excellent resistance to external atmospheric agents, suitable for outdoor use.
- Product not suitable for expanded polystyrene, polypropylene, polyethylene and Teflon.



#### TECHNICAL DATA

Base	Mixture of resins and rubber (solvent based)
Appearance	Beige paste
Density	1.24 g/cm3
Tack-free time	< 30 seconds
Tensile strength	5 N/mm <sup>2</sup>
Volume loss	27%
Application temperature	+ 5°C / + 35°C
Temperature resistance	-40°C / + 90°C

Ral

Q.ta



- 290 ml 12 Pz

### D3 WOOD GLUE

#### PROPERTIES

*Selsil Vinyl+D3 is a ready-to-use, water-resistant vinyl adhesive for wood based on a homopolymer emulsion of polyvinyl acetate. Specially formulated to comply with EN 204 (D3 = Water resistant).*

#### APPLICATIONS

- Suitable for bonding all types of wood, wooden products and flat laminates.
- Wood on wood, soft and hard panels, synthetic resin panels and synthetic chipboard panels.
- Suitable for fixing paper, cardboard, paper or PVC fabric, on wood and cardboard.
- Can also be used to bond outdoor wooden structures such as window frames and exterior doors.
- Particularly suitable for moisture-resistant bonding which must meet high demands.



#### TECHNICAL DATA

Base	Vinyl acetate polymer
Appearance	Creamy white
% of Solids	40
Viscosity	9000 ± 18000 cPs at 20°C (Spindle No. 6,20rpm)
wood moisture	12-20 %
pH	4-5
Water resistance class	D3 (DIN EN204)
Adhesive Consumption	100-200 g/m2
Open Time	5-10 minute (23 0C-50 % RH)
Working Time	10-15 minute (23 0C-50% RH)
Total Curing Time	24 hr (minumum)

Ral

Q.ta



9010 500 gr 12 Pz  
9010 1 kg 12 Pz  
9010 5 kg 12 Pz

# ANCHORS

## CHEMICAL ANCHOR

### EPOXY BASED CHEMICAL ANCHOR

#### PROPERTIES

*Selsil Epoxy Based Chemical Anchor is a high performance vinyl ester based injection mortar for solid and hollow substrates with short curing times. Suitable for use on concrete, stone, hollow brick and hollow blocks in a wide range of applications.*

#### APPLICATIONS

- Anchoring of heavy loads on stone and concrete.
- Repair of mortars and adhesive mortars on concrete components.
- Anchoring of bars, threaded collars, reinforcement bars, profiles etc.
- Medium load applications in hollow bricks.
- Fixing of wooden constructions, metal constructions, metal profiles, sanitary accessories, pipe connections, overhanging roofs, facades, walkways, cable trays, railings, stairs, doors, window frames.

#### TECHNICAL DATA

Base	Epoxy
Color	Light grey / Beige (Component A) Dark grey (Component B)
Density	1.65 ± 0.03 (Component A) 1.3 ± 0.03 (Component B)
Complete curing	7 days
Application temperature	+5°C to +35°C
Temperature resistance	-30°C to +100°C

Ral

Q.ta



-

300 ml

12 Pz

### POLYESTER BASED CHEMICAL ANCHOR

#### PROPERTIES

*Selsil Polyester Based Chemical Anchor is a general purpose polyester based injection resin for solid and hollow substrates with short curing times. Suitable for use in concrete, hollow brick and hollow concrete blocks.*

#### APPLICATIONS

- Anchoring of heavy loads on stone and concrete. Threaded collars, anchoring or reinforcement of bars, profiles.
- Repair of mortars and adhesive mortars on concrete components.
- Medium load applications in hollow bricks.
- Fixing of wooden constructions, metal constructions, metal profiles, sanitary accessories, pipe connections, overhanging roofs, facades, walkways, cable trays, railings, stairs, doors, window frames.

#### TECHNICAL DATA

Base	Polyester
Color	Light grey / Beige (Component A) Dark grey (Component B)
Density	1.66 ± 0.03 (Component A) 1.3 ± 0.03 (Component B)
Complete curing	7 days
Application temperature	+5°C to +35°C
Temperature resistance	-30°C to +100°C

Ral

Q.ta



-

300 ml

12 Pz







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