

Silicones

EXPERT LINE silicones exhibit excellent adhesion to most common building materials, high resistance to moisture, mould, fungi as well as changeable temperatures and also very good resistance to changeable weather conditions and UV radiation.

Silicones are used for sealing and pointing sanitary and water installations, mounting doors and windows, renovation and building works, both indoors and outdoors.

Silicones are straightforward to use. Insert the cartridge into the gun. Control the sealant flow by putting different pressure on the metal gun handle. The working substrate should be clean, dust, grease, lubricant and rust-free as well as free from other substances that can reduce bonding strength. The sealant may be formed with a putty knife wetted with water in order to wet the silicone.

EXPERT LINE All Purpose Silicone - One component silicone sealant - it is highly elastic, cures when exposed to air moisture, resistant to changeable weather conditions and UV radiation. The product is available in 300 ml cartridges. Available in colours: white, clear, brown, grey, black.

It is recommended for renovation and building works, both internal and external applications, for sealing window and door frames, shop window panels, horticultural frames, ventilation, air-conditioning and cooling installations elements and home repair works, for pointing ceramic tiles, corner joints and the like.



EXPERT LINE Neutral Silicone - One component elastic neutral cure sealant. Available colours: white, clear. Usage: it is recommended for all purpose mounting and repair works, for

glued mirrors (including mosaic mirrors) and fittings, perfect adhesion to most common materials such as raw wood, glass, glazed tiles, brick, concrete, cement mortar, laminated materials and many non-elastic plastics, for popular materials such as aluminium, steel, painted metals, granite and other stones as well as plastics

EXPERT LINE Sanitary Silicone - One component, elastic silicone sealant containing anti-fungal compounds to prevent mould growth. Available colours: white, clear, brown. Usage: recommended for sealing areas subject to water exposure: edges of bathtubs, wash-basins, showers, shower cabins, water and sewage installations, pipe connections, as well as home repair works, for areas subject to constant sweet and sea water exposure such as: swimming pools, boats, yachts and marina equipment, for pointing ceramic tiles, corner joints and the like.



EXPERT LINE Glass Silicone - One component sealant which is an acetic acid curing silicone. Available colours: white, clear. Usage: recommended as glazier's putty, for glass-to-glass, glass-to-wood and glass-to-ceramics connections, for non-frame connections, ceramics-to-ceramics and ceramics-to-wood seals as a filling for all kind of finishing works for bonding and sealing e.g. aquaria, showcases, cabinets, shop windows and the like.



It is recommended to bond all kinds of finishing materials made of wood, ceramics, plastics and foamed polystyrene. It is designed to bond panels, profiles, skirting boards, wallboards, thresholds, stairs, cornices, window sills, plafonds as well as stone and ceramic tiles. This product exhibits very good adhesion to concrete, cement, gypsum, plaster, gypsum cardboards as well as wood, PVC and ceramics. After drying it forms an elastic and durable joint, the joint is resistant to moisture and temperature up +56°C.



EXPERT LINE High Temperature Silicone - One component highly elastic silicone sealant with low shrinkability. It cures with atmospheric moisture, is resistant to various weather conditions and UV radiation. Designed to seal and bond areas constantly exposed to high temperatures of up to +250°C (periodically up to +300°C). Requires an applicator gun. It is available in red colour. Usage: designed to use in heating installations. It is recommended for sealing and bonding areas constantly exposed to high temperatures of up to +250°C (periodically of up to +300°C), i.e. furnaces, fire places, furnace doors and finishing works in both home fire places and industrial furnaces. It can be used as sealing putty for motor industry applications e.g. instead of gaskets or for sealing electric and combustion motor parts as well as other machines and installations e.g. pumps, filters and solar energy collectors. It is recommended to use it on such substrates as ceramics, steel (black, galvanized, stainless), aluminium, coated sheets, glass as well as enameled, varnished and glazed substrates, epoxide and polyester panels as well as impregnated wood.

This silicone is resistant to changeable weather conditions and UV radiation and exhibits very good adhesion regardless of the surface shape or texture.



Directions for use:

- The surfaces to be bond should be clean, dust, grease and rust-free and free from other substances that can reduce bonding strength.
- Apply dots or lines on the material using a gun dispenser and spread over the surface carefully.
- Join the surfaces and press firmly together.
- You can adjust the glued material only by sliding (do not unglue) the bonded surfaces,
- Leave the bonded materials until the adhesive is fully cured.
- Drying time: 1 mm thickness - 12 hours. Test before using on untypical materials.

EXPERT LINE Roof Sealant - It is a semi-thick asphalt and couthouc seal compound exhibiting very good adhesion to bituminous, concrete and stone substrates, as well as metal, wood, glass and paint coating. It is available in the black colour. Designed to fix and seal flashing around chimneys, fire walls and roof edges as well as to repair bituminous roof coverings. This product is recommended to seal elements of roof, terrace, chimney and hatch sheet-metal work as well as roof window and skylight flanges, joints between corrugated and trapeze sheets and also joints between elements of a building foundation and cellar walls. It may be covered with available paints and varnish. This product features very good adhesion to bituminous, concrete and stone substrates as well as metal, wood, glass and paint coats, uncured sealant is freezeproof, does not flow off vertical cracks at the temperature of +80°C, it is permanently plastic and its working consistency enables mechanic application, it is waterproof and resistant to changeable weather conditions.



Amongst other products in the EXPERT LINE ® range there are:

EXPERT LINE Fix Adhesive - Expert Line Fix Adhesive - ideal combination of elasticity, adhesion and resistance. It is a fast-drying and multi-purpose adhesive which exhibits very good adhesion to wood, glass, hard PVC, metal and most materials used in building such as: brick, concrete and gypsum. Available in beige.

Directions for use:

- the surfaces should be clean, dry as well as dust, grease and lubricant free,
- the joints should comply with DIN standard 18540 and be filled with PE rope.
- before use, the product should be kept in a room temperature for 24 hours,
- directly before use, moist smooth surfaces and dry rough surfaces,
- smooth the sealant with a putty knife wetted with water,
- after use, wipe the tools with a paper towel and clean using solvent,
- The seal may turn yellow after long exposure to water, however it does not affect the seal quality.

EXPERT LINE Acryl - Dispersive, water dilutable and sealing acrylic mass which does not contain harmful solvents and has almost no smell. It gives elastic and plastic joints which are easy to paint and exhibit very good adhesion to most substrates used in building: concrete, brick, plaster, ceramics, metal, wood, glass and the like. It is available in white, grey and brown colour. It can be used for sealing windows, doors, door frames, window frame-to-plaster and window frame' to-windowsill joints, filling joints between tiles, gaps and joints in building's walls, masonry, plaster and concrete

After curing the acrylic mass is resistant to moisture and changeable weather

conditions, it is designed for internal and external applications and it cures to a permanently plastic state after physical evaporation of water.



Directions for use:

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- the joints should comply with DIN standard 18540 and be filled with PE rope,
- before use, the product should be kept in a room temperature for 24 hours,
- directly before use, moist smooth surfaces and dry rough surfaces,
- smooth the sealant with a putty knife wetted with water,
- after use, wipe the tools with a paper towel and clean using solvent.