

**HIGHLY RESISTANT
NEUTRAL-CURED SWIMMING
POOL SILICONE LIGHT GRAY**

- Very high chemical resistance to chlorine, salt water, disinfectants and light acids/alkalis - in accordance with the microbiological and chemical requirements of the Federal Office for the Environment
- Inhibits mold, bacteria and algae infestation thanks to the bactericidal and fungicidal active ingredients
- Extremely resistant to permanent wet exposure and moisture, e.g. in swimming pools, sanitary facilities and saunas
- Also ideal for expansion and connection joints in the construction industry, such as glass, door and window construction
- Free from acids and alkalis - non-corrosive on metallic surfaces
- Excellent adhesion to substrates such as ceramic tiles, enamel, sanitary acrylic, metal and non-ferrous metal, glass and painted wood
- High color and volume stability
- Excellent workability and easy modeling
- Mecco- and plasticizer-free
- Reduced typical Oxim odor
- UV and weather resistant
- Fast skin formation and curing
- Long-term temperature resistance: -40 to +220°C

General Information

SEAL-X POOL is a low-odour, neutrally cross-linked silicone sealant with very high chemical resistance to chlorine, salt water, disinfectants and light acids/alkalis - in accordance with the microbiological and chemical requirements of the Federal Office for the Environment. SEAL-X POOL inhibits the growth of mold, bacteria and algae thanks to its bactericidal and fungicidal active ingredients and remains extremely resistant to continuous exposure to water and moisture, e.g. in swimming pools, sanitary facilities and saunas. SEAL-X POOL is also ideal for expansion and connection joints in the construction industry, such as glass, door and window construction.

Technical Information

Contents: Oxim base neutral cross-linked
Color: light grey RAL7035
Odor: characteristic/neutral
Density: 1.0 g/cm³
Water solubility: Not miscible
Shore A hardness (ISO 868): 20
Skin formation time: 10 ± 3 min
Curing after 24 hours (at 23°C/50% RH): approx. 2-3mm
Movement capacity: 25%
Modulus of elasticity 100% according to ISO 37: < 0.4 N/mm²

SEAL-X POOL is free from acids and alkalis, non-corrosive on metallic surfaces and produces excellent adhesion to substrates such as ceramic tiles, enamel, sanitary acrylic, metal and non-ferrous metal, glass and painted wood. SEAL-X POOL has high color and volume stability, with excellent workability, easy modeling and fast skin formation/curing. SEAL-X POOL is free of meco- and plasticizers, UV- and weather-resistant and is long-term temperature-resistant from -40 to +220°C.

Elongation at break according to ISO 37: > 500%
Tensile strength according to ISO 37: 1.3 N/mm²
Elastic recovery according to ISO 7389-B: > 70%
Volume shrinkage according to ISO 10563: < 5%
Long-term temperature resistance: -40 to +220°C
Ideal processing temperature: +5 to +40°C
Storage temperature: +5 to +30°C
Fire behavior according to DIN EN 13501: Class E

Standards and certifications:
DIN EN 15651 - 1: F EXT-INT-CC, class 25LM
DIN EN 15651 - 2: G CC, class 25LM
DIN EN 15651 - 3: S class XS1
DIN EN 15651 - 4: PW INT/EXT/CC class 25LM
For applications in accordance with IVD data sheet no. 14/17/31/35

Application and Use

- APPLICATION:
 - For outdoor and indoor swimming pools, sauna areas, pool construction, changing rooms, shower areas...
 - For elastic sealing of expansion and connection joints in assembly operations, e.g. in glass and window construction
 - Sanitary joints in bathrooms and kitchens
 - General construction joints in the building trade
- USE:
 - The substrate must be stable, clean, dry and free of dust and grease
 - For best results on concrete, mineral plaster and fiber cement, a suitable primer is required
 - Contact with bitumen, tar or plasticizing materials should be avoided as this can lead to incompatibilities
 - Commercially available neutral, slightly alkaline or hypochlorite cleaners are recommended to maintain resistance to mold, bacteria and algae
 - Neutral or slightly alkaline smoothing agents are recommended during application
 - Adhesion and compatibility tests should be carried out

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