

# NEUTRAL SILICONE



## Silicone for permanent water immersion



### ■ PROPERTIES

Neutral-cure silicone for seals subjected to permanent water immersion. It has high adhesive strength to most similar and dissimilar materials without the use of any primer. The product presents excellent age resistance.

The product presents high resistance to salt water and pH values ranging between 6.5 to 7.6 as well as free chlorine amounts less than 5mg/lit.

### ■ APPLICATIONS

DUROSTICK's NEUTRAL SILICONE is ideal for sealing joints in swimming pools inside and around them, as well as on the grilles and spots placed in them.

It is also recommended for constructions made of glass, tiles, porcelain, fixing of silver-plated mirrors, polyester, polycarbonate sheets, etc. as well as for restaurant, food cold rooms and aquariums.

Suitable for sealing the outer sides of aluminum or PVC frames, between profile and marble or wall. Can also be used for sealing expansion joints.

### ■ LIMITATIONS OF USE

- Not suitable for polypropylene (PP) and polyethylene (PE) applications
- It is not paintable.

### ■ NOTES

- The width of the joint should not be less than 3-4mm
- It is necessary for the product to fully cure before filling the pool with water. Allow 4-6 days since the application, always depending on the ambient conditions (temperature and humidity) and the dimensions of the joints filled.

# NEUTRAL SILICONE



## Silicone for permanent water immersion

### ■ USE

#### 1. Surface preparation

The substrate must be sound, dry and free of oils and dust. The seal depth of the product for joint widths greater than 10mm is determined to be half the width of the joint. For joint widths smaller than 10mm, the depth of the sealing product is determined equal to the width. To control the depth of the joint and to prevent the adhesion of the sealant to the bottom of the joint, install DUROSTICK's backer rod DS-265 prior to the application of the product. To avoid any residue cleaning problems, is recommended to use masking tape along the entire length of the application. Remove the masking tape before any skin formation.

#### 2. Application

Insert the cartridge into the DUROSTICK PROFESSIONAL CARTRIDGE GUN. Cut the nozzle on a slant and fill the joint gradually, by tilting the gun at a 45° angle in relation to the joint, making sure that air is not trapped under the sealant. Dip a putty knife or your finger in soapy water and smooth the surface within the first 10 minutes of the application.

### ■ CLEANING

Clean all tools and your hands using BIOCLEAN biodegradable hand cream of DUROSTICK, while the silicone is still wet. Once the product hardens and cures, clean all tools with mechanical means only.

### ■ CONSUMPTION

Indicatively, one 280ml cartridge fills 8 linear meters of a 6x6mm joint..

### ■ STORAGE

Store in places protected from moisture, for 12 months from production date.

### ■ SAFETY DIRECTIONS

The product is classified as an irritant. It is recommended to keep away from the reach of children. Before use, refer to the cautions on the product packaging or the Safety Data Sheet.

### ■ PACKAGING

Carton box with 12 cartridges of 280ml

### TECHNICAL SPECIFICATIONS

■ Base	Neutral type silicone
■ Color	Transparent
■ Density	1.00±0.05kg/lt
■ Application temperature	From +5°C to +40°C
■ Temperature resistance	From -40°C to +120°C
■ Skin formation time	25-30 minutes, depending on environmental conditions
■ Curing speed	2mm/day
■ Shore Hardness - A	20 per DIN 53504
■ Modulus 100%	0.25 MPa (N/mm <sup>2</sup> ) per DIN 53504
■ Tensile strength	1.20 MPa (N/mm <sup>2</sup> ) per DIN 53504
■ Elongation at break	650% per DIN 53504

**DUROSTICK S.A.,**  
 MANUFACTURING OF ADHESIVES,  
 PAINTS & MORTARS  
**ATHENS:** ASPROPYRGOS, ATTICA, GR: 193 00,  
 Tel: +30 211 60 03 500-599, +30 210 55 16 500,  
 +30 210 55 98 350, Fax: +30 210 55 99 612  
**THESSALONIKI:** INDUSTRIAL PARK-SINDOS, S.B. 44,  
 STREET, DA 10, GR: 570 22,  
 Tel: +30 2310 795 797, +30 2310 797 365,  
 Fax: +30 2310 797 367  
 Email: [info@durostick.com](mailto:info@durostick.com)