

# 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

NEUTRAL SILICONE of DUROSTICK 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

## USE

### 1. Surface preparation

The substrate must be sound, dry and free of grease 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 check the depth of the joint and to prevent the adhesion of the sealant to the bottom of the joint, install the backer rod DS-265 of DUROSTICK 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. Please 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. Grind within 10 minutes with a spatula or your

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finger, after being immersed in water with dish-washing detergent

### LIMITATION OF USE

- Not suitable for polypropylene (PP) and polyethylene (PE) applications
- Not painted

### 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.
- After curing, the product is harmless to health

### CLEANING

Clean all tools and your hands using BIOCLEAR 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 cartridge 280ml fills 8 linear meters of a 6x6mm joint.

### STORAGE

Store in places protected from moisture, for at least 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 Material Safety Data Sheet.

### PACKAGING

Carton box with 12 cartridges of 280ml

### TECHNICAL SPECIFICATIONS

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



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