

300°C neutral is a permanently elastic, neutral silicone one-component sealant used for sealing joints exposed to high temperatures.

Product Code: VIBROSER-DDS300

PROPERTIES

- Does not slump in vertical joints
- Excellent adhesive to most materials in construction without a primer
- For good adhesive onto porous materials, use primer KVZ 16
- Good characteristics
- Resistant to various weather conditions; rain, snow, extreme temperatures
- Resistant to chemicals
- UV resistant
- Does not cause corrosion
- Colours: red, beige

USE

- For sealing joints between various materials (glass, wood, concrete, brick, stone, ceramics, steel, copper, zinc, brass, aluminum, most plastics) exposed to high temperatures up to 250°C, occasionally up to 300°C and where no corrosion should occur
- For sealing around furnaces and chimneys

TECHNICAL DATA

Uncured sealant

Basis		Neutral oximic silicone
Form		Paste
Curing mechanism		Moisture curing
Specific gravity		1050 +/- 10 kg/m ³
Skin formation time	23°C'de / %50 rel. humid	5 - 10 min
Kuruma süresi	23°C'de / %50 rel. humid	2 mm/day
Resistance to flow	ISO 7390	0 mm
Application temperature		+ 5° C to + 40° C

Hardened sealant

Hardness Shore A	ISO 868	20 - 30
Tensile Strength	ISO 8339	0,35 – 0,60 MPa
Module E 100%	ISO 8339	0,25 - 0,40 MPa
Elongation at break	ISO 37 rod 1	300 – 400%
Elastic recovery	ISO 7389	98%
Temperature resistance		up to 250° C in some cases 300° C



APPLICATION

Surface preparation:

The surface of the joint must be hard, clean, dust and fat free. Remove all separated and badly attached pieces.

Joint and cartridge preparation:

- For better adhesion onto porous surfaces use Primer KVZ 16 or, if the joint is in contact with water, the Primer KVZ 12. The adhesion onto some plastics can be improved with the primer LF, but we recommend prior testing.
- If you want joints to look nice tape the edges with masking tape.
- Cut the cartridge at the top and screw on the nozzle, which has to be cut according to the width of the joint and placed in the gun. During work interruption release the handle on the gun and pull the piston back.
- The sealant should be applied as evenly as possible.
- At the end, level the sealant with an appropriate instrument or a well soaped finger.
- Remove the masking tape before the sealant starts to harden.
- Fresh sealant and tools can be cleaned with the Tekafin cleaner, hardened sealant should be removed mechanically first and then with a cleaner for hardened silicone- Tekapursil S or Apursil.

PACKING

- 300 ml cartridges (A carton of 20 pieces)
 - 200 l barrels
- Other ways of packing are available on demand.

SAFETY PRECAUTIONS

Keep out of the reach of children. Wear suitable gloves. Wear suitable protective clothing. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Use only in well-ventilated areas.

ATTENTION

The information supplied is accurate to the best of our knowledge and is based on reliable tests and practical experiences. Properties quoted are intended, as a guide and do not therefore constitute a specification. You should thoroughly test any application to be sure that product corresponds to the required performances.

Joint width (mm)

Joint depth (mm)	6	8	10	12
6	8,3	6,2	5	4,2
8		4,7	3,7	3,1
10			3,0	2,5
12				2,1

The table shows how many linear metres of joints we can seal with one 300 ml cartridge relative to the width and depth of the joint.

