



TECHNONICOL Butyl Rubber Sealant No. 45

Specification 5775-052-72746455-2011

Material consisting of butyl rubber, organic solvent, modifying agents, and a filling compound



Product Description:

TECHNONICOL Butyl Rubber Sealant No. 45 consists of butyl rubber, organic solvent, modifying agents, and a filling compound. The material is cold curing. Operates in a wide range of temperatures, features high elasticity, ultraviolet resistance, and short cure time.

Color: gray, white

According to the Regulations 131.13330.2012, the material is applicable in any climatic region.

The white sealant is compatible with various types of façade paints. Perform a test on a small area before applying the paint to the entire surface.

Scope of Use:

Intended for:

- sealing of interpanel joints and other junction points of pre-engineered building systems;
- waterproofing of internal and external surfaces of concrete and reinforced-concrete industrial and commercial structures, protection from corrosion.

Key Physical and Mechanical Parameters:

| Parameter Name | Unit of Measurement | Criterion | Value | Test Method |
|--|---------------------|--------------|----------|---|
| Density of working mixture | kg/m ³ | – | 800-1000 | GOST 31992.1-2012 |
| 2012 Nominal density at breaking point | MPa | at least | 0.2 | GOST 26589-94 |
| Relative elongation at breaking point | % | at least | 100 | - - |
| Adhesive strength for concrete | MPa | at least | 0.2 | GOST 26589-94, method B with addenda according to the Section 4.8 of Specification 5775-052-72746455-2011 |
| Mass fraction of dried residue | % | in range of | 55±5 | Section 4.9 Specification 5775-052-72746455-2011 |
| 72746455-2011 Cure time to 3rd degree | min | no more than | 60 | GOST 19007-73 |

Operation:

According to the Regulations 70.13330.2012 and "The Instructions for Use of TechnoNICOL Butyl Rubber Sealant No. 45".

Range of working temperature from -20 °C to +40 °C. At a temperature below +5 °C, should be stored in a warm environment for at least 24 hours.

Time of final development of properties depends on the temperature and humidity of the environment.

Use respiratory PPE.

Avoid eye and skin contact. Do not use indoors. Do not use near open flames.

Storage:

Store in a dry, light-proof environment at the temperature range of -20 °C to +30 °C.

Storage life period — 18 months.

Transportation:

The mastic compound is transportable by any covered vehicles in a single vertical stack according to the Regulations on Cargo Transportation in effect for the vehicle type in question.

The transportation of mastic compound should adhere to the regulations on transportation of highly-flammable materials.

Packaging Information:

Metal euro-pails, 8 kg / 16 kg.