SealFlex.SP

SWIMMING POOL GRADE SEALANT

SealFlex SP is a high quality, unique swimming pool sealant which cures to form a hard wearing seal, designed to accommodate small amounts of movement in extension but considerable movement in compression. For use in a variety of internal stress relief joint systems where continual water resistance and a high degree of chemical resistance (such as chlorine and common cleaning substances) are required.



SealFlex SP is non-staining and cures to a firm, flexible and tear resistant rubber. It is highly resilient with excellent recovery characters and outstanding resistance to most chemicals, all weather conditions, aging and shrinking. Supplied in unitized, pre-measured packaging, SealFlex SP is ready for instant blending and easy application for several general purpose caulking applications.

In addition, SealFlex SP contributes to LEED credits for Low-Emitting Materials and Regional Materials.

Features

- One component, ready to use, simple to apply
- Does not need priming
- Water resistant
- Extremely fungal resistant
- U V resistant
- Excellent adhesion to most substrates
- Chlorine Resistant
- Long Term Water Immersion Joints.
- Between ceramics, tiles, concrete, glass, metals and other typical building substrates
- Swimming Pool , Shower Rooms, wet rooms etc.

PROPERTIES

Typical Shore D Hardness	70
Specific gravity	1.4
Flash Point	Non-Flammable
Work Life	45 minutes
Service temperature	20-° C to 90+° C
Cure Rate	24 Hours
Chemical Resistance	Resistant to alkalis , acids, petrol , diesel, jet fuel and cleaning chemicals
Movement Accommodation	%50

engineered to perform

Construction

Seal flex SP is based on a specially developed polymer system which gives enhanced technical properties .It cures by loss of carrier to form a flexible seal. It is applied simply from the packing and can be finished neatly using suitable tooling. When cured it will be accommodates thermal and moisture movements. It can be over coated with most gloss or emulsion paints.

SP is a neutral-curing silicone sealant with prolonged mould protection, it is perfect for applying to underwater joints in swimming pools and also ceramics and natural stone. Because of its tough characteristics this sealant works extremely well on seals and joins in areas subjected to high stress of the silicone joints.

Instruction for use

Sealflex has excellent adhesion to most substrates used in construction, particularly concrete, mortar, block work, wood, anodized bronze. It also bonds very well to some painted surfaces, but it is advisable to carry out a site trail first to assess the suitability fo the particular coating in question.

Priming is not generally required with this material, when using in dry, sound, well prepared joints or which have been reformed using resin based mortar. The joint surfaces must be clean and free from all contamination. Surfaces should be degreased using the appropriate surface cleaner (contact OBS Technical Service Department for further information).

Application

The cartridge is placed over the hole in the centre of the plate and filled by applying steady downward pressure. Insert the plunger into the cartridge and the mixed sealant is then ready for application using an OBS Caulking Gun. The sealant should be extruded firmly into the joint by maintaining an even pressure on the trigger of the gun

Packing

Available in std. packing kits.

Storage:

Storage life for 12 months in original packing when kept in dry conditions.

engineered to perform

Organix Building System LLC
Dubai – United Arab Emirates
Email : info@organixbs.com
www.organixbs.com