

GRADAFLEX PS 60 2K

Technical Product Document

Polysulfide Based Two Components, Joint Sealant

Date of Preparation : 15.08.2015

Description

It is very highly elastic, double component, liquid polymer (polysulfide) based joint filling paste cured in the presence of catalyst.

Usage Areas

For its high movement capacity, strength which maintains its advantages for very long time even under adverse weather conditions, and resistance against the chemicals, it is used as the joint filling paste in horizontal and vertical expansion joints in the buildings and all other structures that require very high elasticity. It is used in the automobile industry and marine vessels as assembly material for the purpose of filling the wholes and joints as well as providing insulation against the external environment conditions.

Technical Data

Application temperature : (+5) - (+40) °C

Specific gravity (DIN 52451) : 1.57 g/ml

Shrinkage while curing Maximum : 9.5%

Surface shrinkage : Maximum 1 mm

Movement capacity : 25%

Curing period : 3 - 6 hours

Shore A hardness (DIN 53505) : ~ 25

Heat resistance : (- 40) - (+ 80) °C

Color : Gray / Black

Application

The application surfaces must be dry and free from dirt, dust, and oil and grease. The detachable loose parts must be removed from the application surface. If it is necessary, surface is primed with **PRIMER PS 60**. The double component product is made ready for use by mixing with a low speed mixer until a completely homogenous mixture is acquired.

It is necessary to take care not to create air bubble in the mixture while mixing. The mixture must be used not later than 1 hour after it has been prepared. The application is made using a spraying pistol or applicator in line with the package form. If the joint depth is high, the joint depth must be adjusted using appropriate profiles to save material.

It is necessary to use primer material to improve adhesion. At the end of the application, the tools must be cleaned with chemical solvents if the material is yet to be cured, or mechanically if the material has been cured.

Cleaning Of The Tools

The equipment can be cleaned by using cellulosic thinner immediately after application.

Consumption: With 1 liter PS, through the linear joint length metrically

Joint Width (mm)	6	10	15	20	25	30	40	50
Joint Depth (mm)								
6	27,7	16,7						
7,5		13,3	8,9					
10			11,1	5				
12				4,1	3,3			
15				3,3	2,6	2,2		
20							1,25	
25								0,8

Packaging : 2.5 lt Metal cans 3,5 kg/Set for PS60-D 4,0 kg/Set for PS60-Y

Storage and Shelf Life: In cool and dry places, 12 months.