

## Two components modified polyurethane sealant high modulus.

### DEFINITION

**Novo Flex PG1** is two components modified polyurethane sealant high modulus specifically designed for sealing horizontal joints. It is a flow able sealant which cures to an elastomeric, water-tight compound

### ADVANTAGES

- Good elastomeric and recovery properties prolonged life.
- Good resistance to chemicals and hydrocarbon fuels.
- Wide range of operating temperatures.
- Available in different colors.

### FIELDS OF USE

- For sealing horizontal movement joints in building and civil engineering construction above or below ground for highways, bridges, airport runways, driveways, subways, and sewage treatment plants.
- Suitable for areas subject to fuel and chemical spillage.

### PROPERTIES @ 25 C°

<i>Color</i>	White, gray any required color
<i>Solid content by (WT)</i>	100 %
<i>Mixing Ratio</i>	9 A: 1 B
<i>Specific gravity (mix)</i>	1.52 ± 0.05
<i>Pot life</i>	2 hrs.
<i>Temp. of Application</i>	(15 – 35) C°
<i>Full curing time</i>	7 days
<i>Rate of use</i>	4 -5 m for 1cm x 1 cm joint / kg
<i>Shelf life</i>	3 months in suitable storage conditions

### DIRECTIONS OF USE

- Surfaces should be clean, dry, and free from oil, dirt, grease, rust, laitance, etc.

#### Priming

- For optimum results, all surfaces to be sealed should be primed with **Novo prime 150 LV**
- Adhere tap on the edges of the joint then remove after finishing of application to save the surface clean
- Adjust the joint depth by using suitable **Novo Packing Rod**
- **Add comp B** (ensure all liquid of comp **B** is added) **to comp A**.
- The base and catalyst must be completely mixed mechanically (slow speed drill, 80 to 100 rpms, with slotted paddle). Once mixed it can be poured in horizontal joints then filling and leveling by suitable knife.
- By clothes with soap solution slowly clean to obtain smooth surface without tacky
- Solvents such as thinner or **Novo Sol T 09** can be used to clean equipment, before material has cured.

### STORAGE

- In closed original package under suitable storage conditions. (Temperatures of storage (10 – 27 C°)
- Avoid direct sun on storage.

### PACKING

Group (A+B) = 1 & 4 Kg.

### HEALTH AND SAFETY

- Wear protective clothes, gloves, glasses and face protection.
- Good ventilations in case of spraying application
- For skin contact, remove it with suitable cream followed by soap and water cleaning.
- For eye contact, rinse with plenty clean water then seek to medical advice.

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