PPG SL60 Joint Sealant

DESCRIPTION

Two-component, 100% solids, self-leveling, flexible modified polyurea control joint sealant

PRINCIPAL CHARACTERISTICS

- 100% solids
- Rapid cure and return-to-service
- Remains flexible at lower temperatures
- Cures at temperatures from -20°F (-29°C) to 130°F (54°C)
- Resists jet fuel
- Designed for 25% movement of an installed joint width
- TYPICAL USES:
- Suitable for interior and exterior control joints and cracks in horizontal concrete surfaces
- Not recommended for use in non-breathing, resilient or polymer flooring systems
- Not suitable for slopes greater than 15%

COLOR AND GLOSS LEVEL

- Light Gray, Concrete Gray, Ryno Gray, Dark Gray, Signal Grey, Black, Tile Red
- Semi-gloss

BASIC DATA AT 20°C (68°F)

Data for mixed product	
Number of components	Two
Volume solids	100%
VOC (Supplied)	EPA Method 24: 0.0 lb/US gal (0.0 g/l)
Dry to touch	4.5 minutes
Curing time	30 minutes

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RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- All surfaces must be sound, dry, clean, free of oil, grease, dirt, mildew, curing compounds, loose and flaking paint, and other foreign substances
- Prepare joint in a manner that takes both joint walls back to bare concrete, removing all saw laitance, cure compounds, sealers, debris, etc.
- Prepare joint using a vacuum-equipped saw that will reach the base of the saw-cut joint or to a depth of 2 inch (5.1 cm) in the case of through-slab construction joints
- Joints should be ground to remove dirt and surface laitance using a grinder with a diamond or carbide blade
- Joints may be cleaned using either two cleaning passes (one along each side of the joint) or a single cleaning pass using a blade that is slightly wider than the joint to be cleaned
- Where joints have minor edge chips or spalls, areas may be squared off or filled along with the joint itself or repaired using PPG Quick Mender® Concrete Repair
- Compressible backer rod is prohibited in saw-cut joints unless 2 inch (5.1 cm) depth is exceeded. Saw cut joints should be filled full-depth

INSTRUCTIONS FOR USE

Mixing ratio by volume: 1:1 (Part A to Part B)

- Prior to use, the temperature of Part A and Part B should be at least (70°F) 21°C
- For products provided in pails: Pre-mix Part B components thoroughly to redistribute any settlement that may have occurred
- For products provided in cartridges: Shake cartridge sets vigorously for several minutes to ensure homogenous distribution of base components
- For recommended application instructions, see working procedure

Application

- Defer installation for as long as possible after slab placement. For best adhesion, the product should be installed no earlier than 28 days after slab placement
- For products provided in pails: Apply using plural component pump and static mixing wand
- For products provided in cartridges: Use Cartridge Dispensing Guns

Cleaning procedure

- Use disposable plastic tools and buckets wherever possible. Cured material may be stripped or peeled from plastic tools and containers
- Steel mixers or other metal tools are more difficult to clean. They may need to be soaked in a solvent such as MEK to soften and peel cured material

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ADDITIONAL DATA

Physical data of cured material	
Characteristic	**Value**
Tensile Strength (ASTM D412/D638)	1,261 psi (8.7 MPa)
Tensile Elongation (ASTM D412/D638)	777%
Tear Strength (Die C, ASTM D624)	257 pli
100% Modulus (ASTM D412/D638)	329 psi (2.3 MPa)
200% Modulus (ASTM D412/D638)	455 psi (3.1 MPa)
300% Modulus (ASTM D412/D638)	569 psi (3.9 MPa)
Hardness, Shore A (ASTM D2240)	65

Additional drying/curing details			
Substrate temperature	**Tack free time**	**Open to Foot Traffic**	**Gel time**
70°F (21°C)	4.5 minutes	30 minutes	1 minute

Product Qualifications

- Compliant with USDA Incidental Food Contact Requirements
- CFIA approved

DISCLAIMER

- For industrial or professional use only
- This product is specifically suitable for use on the substrates mentioned in this document. For application on any other substrates, please always contact your distributor or PPG representative for specific instructions and in order to make sure that the product performance can be safeguarded.

SAFETY PRECAUTIONS

- Read all label and Safety Data Sheet (SDS) information prior to use

WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective & Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

REFERENCES

- Information sheet | Explanation of product data sheets

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