

Greyseal 6690

Joint Seal and Crack Filler

Greyseal 6690 is a grey, hot-applied single component material used to seal joints and fill cracks in portland cement concrete pavements. Its grey color makes it aesthetically suited for highly-oxidized, asphalt surface crack fill as well. Greyseal 6690 is made from polymer-modified resins, fibers and high-quality fillers. Supplied in 30 lb meltable bags, it can be heated and applied from standard crack seal kettles.

PERFORMANCE CHARACTERISTICS

- Independently tested to meet requirements of ASTM D6690 Standard Specification for Hot-Applied Joint and Sealants
- Water-tight and resistant to UV exposure, deicing salts, bases and organic materials for long service life
- Installs in variable temperature conditions, requiring only a clean, dry surface for application and cure
- Flexible with strong adhesion to maintain durability in freeze-thaw cycles
- Does not require detack or curing solvents to maintain its grey color
- Meltable packaging speeds up installation and eliminates packaging waste



GREYSEAL 6690 APPLICATION

- Areas to be sealed and filled should be clean, dry and free of loose debris or other contaminants that may prevent proper adhesion or cause early adhesion failure. Areas to be filled and sealed may be widened or cut using routers, sawing equipment, power wire brushing or sand blasting.
- Clean and dry areas using a hot air lance and oil-free, moisture-free compressed air. Surfaces should be inspected for cleanliness and dryness just prior to Greyseal 6690 application.
- Heat Greyseal 6690 material using indirect heating methods: a double boiler or hot oil circulating kettle capable of constant material agitation. Place material, including meltable packaging, in melter. Once the material reaches approximately 380 to 400 °F (193 to 204 °C), apply by method specified.
- Maintain material temperature throughout the application session. Add material to the melter as the application consumes material. Residual material in the melter may be reheated ONCE to apply after initial heating. To reheate, add bags of Greyseal 6690 equal to the amount of product in melter and proceed with application once the heating temperature is achieved.
- Apply Greyseal 6690 by hose, hand-held pour pot or wheeled pour pots using the following fill methods:
 - Level fill
 - Overfill and squeegee
 - Overband up to 4" width
 - Recess fill per specification

Physical Properties - ASTM D6690 I & II

Cone Penetration	90 maximum - PASS
Flow	3 mm maximum - PASS
Softening Point	176 °F (80 °C) minimum - PASS
Resilience	60% minimum
Bond -1 °F (-18 °C),	Pass 5 cycles 50% extension
Bond, -20 °F (-29 °C),	Pass 3 cycles 50% extension

Minimum Application Temperature: 380 °F

Maximum Heating Temperature: 400 °F



401 OLD US 52 SOUTH MOUNT AIRY, NC, USA 27030
336-789-7259 - FPTINFRASTRUCTURE.COM

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