

MasterSeal[®] P 173 and P 176

Primers for Master Builders Solutions sealants

FORMERLY SONOLASTIC[®] PRIMER 733 AND PRIMER 766

PACKAGING

One pint (473 ml) cans

Units sold individually. Bulk shipments available in cases of 12 units.

COLOR

MASTERSEAL P 173

Light Amber

MASTERSEAL P 176

Transparent (water white)

YIELD

35–40 ft²/pt (6.87–7.86 m²/L)

450 linear ft (137 m) for

1/2" (13 mm) deep joint

STORAGE

Store in unopened containers in a cool, dry area out of direct sunlight.

SHELF LIFE

2 years when properly stored

VOC CONTENT

MASTERSEAL P 173

584 g/L

less water and exempt solvents

MASTERSEAL P 176

339 g/L

less water and exempt solvents

DESCRIPTION

MASTERSEAL P 173 is a quick drying solvent-based primer for priming joints and substrates before application of MasterSeal NP 1[™], TX 1, NP 2[™], CR 195, SL 1[™], SL 2[™], and NP 150[™]/NP 100[™] series sealants.

MASTERSEAL P 176 is a high-solids, low-VOC solvent-based primer for priming joints and substrates before application of MasterSeal NP 1, TX 1, NP 2, CR 100 and CR 195 sealants.

PRODUCT HIGHLIGHTS

MASTERSEAL P 173

- Solvent-based allows for quick drying
- Promotes improved adhesion to many substrates requiring a primer
- Compatible with all Master Builders Solutions polyurethane sealants, providing versatility and convenience

MASTERSEAL P 176

- High-solids, low VOCs and easy to use
- Transparent and non-staining

APPLICATIONS

- Interior or exterior
- Above grade
- As primers for Master Builders Solutions joint sealants

SUBSTRATES

- Concrete
- Masonry
- Metal
- Fluorocarbon coatings, on aluminum (MasterSeal P 173 only)

HOW TO APPLY

SURFACE PREPARATION

1. Masonry surfaces must be sound, clean, dry and free of all paint, grease, oil, dirt and foreign matter.
2. Concrete surfaces must be fully cured and free of laitance, moisture or form oils.
3. Where necessary, clean joint surfaces by grinding, sandblasting or mechanical abrading; remove dust, dirt and loose particles before priming.
4. Metal-edged joint surfaces must be clean and free of all rust, oil and dirt.

APPLICATION

Do not apply to backer rod

MASTERSEAL P 173

1. Apply MasterSeal P 173 to the cleaned joint surfaces by brushing on a thin, uniform coat. Use primer as is; do not thin. Too much primer may act as a bond breaker.
2. Allow primer to dry tack-free before applying sealant. Dry time will vary depending on temperature and humidity.
3. Sealant must be applied the same day as primer.

Technical Data

Composition

MasterSeal P 173 and MasterSeal P 176 are solutions of isocyanate adhesion promoters in organic

solvents Typical Properties

P 173

PROPERTY	VALUE
Flash Point, °F (°C)	65 (18)
Viscosity, cps	90
Solids, by volume, %	35

P 176

PROPERTY	VALUE
Flash Point, °F (°C)	35 – 40 (1.7 – 4)
Viscosity, cps	90
Solids, by volume, %	59

Test results are typical values obtained under laboratory conditions.
Reasonable variations can be expected.

MASTERSEAL P 176

1. Apply MasterSeal P 176 to the cleaned joint surfaces by brushing on a thin, uniform coat. Use primer as is; do not thin. Too much primer may act as a bond breaker.
2. Allow primer to dry at least 30 minutes and up to 8 hours before applying sealant. Dry time will vary depending on temperature and humidity.
3. Sealant must be applied the same day as primer.

DRYING TIME

MASTERSEAL P 173

15 minutes at 70 °F (21 °C) and 50% humidity

MASTERSEAL P 176

30 minutes to 8 hours, depending on temperature and humidity, (60 minutes at 72 °F [22 °C] and 50% relative humidity). MasterSeal P 176 will be tacky to the touch but will not transfer to the finger when dry.

CLEAN UP

Brushes and tools may be cleaned with MasterSeal 990 before primer has dried. Dried primer must be removed by abrading.

FOR BEST PERFORMANCE

- Substrates such as copper, stainless and galvanized steel typically require the use of a primer; MasterSeal P 173 or MasterSeal P 176 is acceptable. For Kynar 500-based coatings, use MasterSeal P 173 only. An adhesion test is recommended for any other questionable substrate.
- Be careful to apply MasterSeal P 173 only to joint faces; MasterSeal P 173 will darken upon UV exposure.
- Proper application is the responsibility of the user. Field visits by Master Builders Solutions personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.com/en-us, e-mailing your request to mbsbcst@mbcc-group.com or calling 1(800)433-9517. Use only as directed.

IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

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