

MasterSeal[®] 10 WB

High quality, versatile, gap filler and sealer

DESCRIPTION

MasterSeal 10WB is a high grade water based acrylic plasto elastic sealant providing a strong, durable bond. It cures through the evaporation of water and is virtually odorless during cure. It can be painted, after full cure, with most water based and synthetic paints.

RECOMMENDED USES

MasterSeal 10WB has been developed specifically for interior & exterior sealing joints between wooden and metal window frames and concrete and brickwork. Joints between stairs and walls, between concrete and ceiling elements, between wall and ceiling, skirting boards and window sills.

Can be used as a crack filler prior to painting.

FEATURES & BENEFITS

- **Solvent free** – Environment Friendly & Safe to use
- **Paintable with water-based and synthetic paints** – Aesthetics retained
- **Non-sag formulation** - Hassle free Vertical application
- **Water based** - Easy to clean.
- **Easy to gun and apply** – Faster application.

STANDARD

Complies to EN 15651-1:

F-EXT-INT, 7.5P

PERFORMANCE DATA

Flow (slump) vertical ISO 7390	<2mm
Elongation at Break (ISO 8639)	200%
Tensile Strength (DIN 53504)	0.38N/mm ²
Joint Movement	±7.5%
Open Time	5 – 10 mins
Temperature Resistance	-20°C till +75°C
Temperature in service	-50°C to +120°C

PROPERTIES

Cure Mechanism	Evaporation
Density	1.69g/ml
Cure Time (23°C 55% RH)	≥10mins
Application Temperature	+5°C to 40°C
Application Rate (3mm/4 Bar pressure)	450g/min

APPLICATION

Surface preparation:

To ensure optimum adhesion substrates must be sound, clean, dry and free from any loosely adherent material which could prevent adequate bond to the substrate. **MasterSeal 10WB** adheres perfectly without the use of a primer to most non porous substrates. Strongly porous substrates (gypsum, aerated concrete, limestone, etc) may need priming using a 1 : 2 dilution of **MasterSeal 10WB** and water. It is good practice to test adhesion before commencing full installation.

Application:

Fix cartridge into cartridge gun. Cut screw threaded nipple at end of cartridge. Attach application nozzle. Cut nozzle at 45° so that aperture is equal to width of joint. Gun sealant into joint in one smooth continuous operation ensuring sufficient material is delivered to fill joint. Using a spatula or tooling tool press sealant into joint and onto joint faces while leaving a smooth concave surface. Remove any masking tape used.

WATCHPOINTS

- Not suitable for continuous submersion in water
- Not suitable for PE, PP PC, PMMA, PTFE, neoprene and bituminous substrates.
- Check compatibility with paints before over painting.
- Exterior applications only in good dry weather conditions for at least 5 hours after application.

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CONSUMPTION

Joint depth (mm)	Joint width (mm) approx.		
	6	12	20
6	7.7	3.8	2.3
8	-	2.9	1.7
10	-	-	1.4

EQUIPMENT CLEANING

Clean uncured material using soap and water. Cured material can only be cleaned mechanically.

APPLICATION TEMPERATURE RANGE

Minimum +5°C
 Maximum +40°C

PACKAGING

MasterSeal 10WB is supplied in boxes of 25 x 280ml cartridges

COLOUR

MasterSeal 10WB is available in White.

STORAGE AND SHELF LIFE

MasterSeal 10WB has a shelf life of 18 months from production date when stored in its original packaging at temperatures between 5°C and 25°C.

HEALTH AND SAFETY

Avoid contact with the skin, eyes and clothing.

On skin contact:

Wash thoroughly with soap and water. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist if symptoms persist.

On ingestion:

Drink plenty of water. Do not induce vomiting unless told to by a poison control center or doctor.

No special measures necessary if stored and handled correctly. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke.

NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Master Builders Solutions representative.

Master Builders Solutions reserves the right to have the true cause of any difficulty determined by accepted test method.

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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