

MasterSeal[®] 10WB

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.

TYPICAL APPLICATIONS

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.

ADVANTAGES

- Economical general purpose crack filler and sealer
- Solvent free: virtually odourless
- Paintable with water-based and synthetic paints
- Easy to gun and apply
- Water based: easy to clean
- Non-corrosive on metals
- Non sag formulation: for vertical and overhead use
- In- and outside applicable

PACKAGING AND COLORS

MasterSeal 10WB is supplied in boxes of 25 x 280ml cartridges and available in White.

STANDARDS

MasterSeal 10WB meets or exceeds the requirements of the following specifications:

- ASTM C834
- EN 15651-1: F-EXT-INT 7,5P

TYPICAL PROPERTIES*

Cure mechanism	Evaporation
Density	1.69 g/ml
Cure time (23°C 55% RH)	≥10 mins
Open Time	5-10 mins
Application temperature	+5°C to 40°C
Application rate (3mm / 4 Bar pressure)	450 g/min
Flow (slump) vertical ISO 7390	<2 mm
Temperature in service	-50°C to +120°C
Elongation at Break	200%
Tensile Strength (DIN 53504)	0.38 N/mm ²
Joint Movement	±7.5%
Temperature Resistance	-20°C till +75°C

APPLICATION GUIDELINES

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.

PLACING / 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.

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APPLICATION TEMPERATURE RANGE

Minimum	+5°C
Maximum	+40°C

CLEANING

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

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

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.

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.

QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

* Properties listed are based on laboratory controlled tests.

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STATEMENT OF RESPONSIBILITY

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Master Builders Solutions
Construction Chemicals LLC
P.O. Box 37127, Dubai, UAE
Tel: +971 4 8090800
www.master-builders-solutions.com/en-ae

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