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Technical Data Guide

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MasterSeal® AWB 600 FL

Block Filler

FORMERLY ENERSHIELD® FL

PACKAGING

27.2 kg per 19-liter pail
(60 lbs per 5-gallon pail)

COVERAGE*

Light Weight CMU 175 ft²/pail
Medium Weight CMU 200 ft²/pail
Normal Weight CMU 250 ft²/pail

*Actual results may vary widely depending on substrate texture and porosity.

SHELF LIFE

MasterSeal® AWB 600 FL has 2 years shelf life when properly stored

VOC CONTENT

10 g/L or .09 lbs/gal less water and exempt solvent

% SOLIDS

75%

COLOR

White

DESCRIPTION

A one-component, water-based block filler based on Silica Fortified Rubber™ chemistry. It has been specifically designed for use with MasterSeal® AWB air/ water-resistive barrier products.

PRODUCT HIGHLIGHTS

- Low shrinkage; fills voids and pores
- Water-based; nonflammable, low toxicity

USES

MasterSeal® AWB 600 FL is designed to prepare rough, porous concrete / masonry substrates for subsequent application of MasterSeal® AWB fluid applied air/water-resistive barrier products.

MasterSeal® AWB 600 FL is also designed to promote adhesion of MasterSeal® AWB 970 FIB self-adhesive membranes to rough CMU surfaces. It can be used to create tight, seamless expansion joints and to facilitate adhesion of through wall flashing systems.

SURFACE PREPARATION

Substrate shall be dry, clean, sound and free of release agents, paint or other residue or coatings. Verify substrate is flat, masonry joints are struck flush or struck clean, and the substrate is continuous and unbroken. Any missing or damaged mortar or block shall be repaired or replaced to provide a flat surface prior to application of MasterSeal® AWB 600 FL

Allow mortared structures to cure for a minimum of 10 days prior to application of MasterSeal® AWB 600 FL . Point or seal any cracks or voids over 2 MM (1/16").

Unsatisfactory conditions shall be reported to the general contractor and corrected before application of MasterSeal® AWB 600 FL .

APPLICATION

The upper portion of all wall assemblies shall be protected from precipitation and other forms of moisture ingress before application of MasterSeal® AWB 600 FL.

Do not apply MasterSeal® AWB 600 FL to substrates that are below 4 °C (40 °F), or if ambient air temperature is expected to drop below 4 °C (40 °F) with 12 hours after MasterSeal® AWB 600 FL has cured, unless MasterSeal® AWB 960 AC is used.

To apply MasterSeal® AWB 600 FL at min -4 °C (25 °F) and rising (air and substrate temperatures), thoroughly mix one-half of one quart of MasterSeal® AWB 960 AC with one full pail of MasterSeal® AWB 600 FL.

SPRAY APPLICATION

Apply using high volume / low pressure equipment capable of handling abrasive material. Equipment used to spray MasterSeal® AWB 660 can spray MasterSeal® AWB 600 FL. See the Spray Application MasterSeal® AWB technical bulletin for more information.

TYPICAL PROPERTIES

Viscosity @ 25 °C, PU	85
Percent solids	75
Weight per Gallon, lbs	13
Water Vapor Transmission ASTM E96 Method B @ 30-mils*	22 perms

* Note: Wet Film Thickness

ROLLER APPLICATION

A 19mm (3/4") nap roller is recommended to apply MasterSeal® AWB 600 FL. Pre-wet new roller pads and spin out excess water. This should be done once only to ensure that new roller pads fully saturate with MasterSeal® AWB 600 FL .

Keep the roller fully loaded with material. Work MasterSeal® AWB 600 FL uniformly onto the wall, maintaining a wet edge.

DRYING TIME

MasterSeal® AWB 660 or MasterSeal® AWB 660 I can be applied once MasterSeal® AWB 600 FL has cured to a hardened, moderately tacky state. This typically occurs within 4 hours when applied to dry CMU at 70 °F (21 °C) at 50% relative humidity. Temperature, humidity, wind, and substrate moistness can all affect curing time.

LIMITATIONS

- Protect BASF materials during transportation and installation to avoid physical damage.
- Store BASF materials in a cool, dry place protected from freezing. Store at no less than 4 °C (40 °F). Protect from extreme heat and direct sunlight. Shelf life is two years when unopened and stored as directed.
- Do not apply BASF materials in ambient temperature below 4 °C (40 °F) (unless using MasterSeal® AWB 960 AC). Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperatures less than 4 °C (40 °F) prevail.

- Do not apply BASF materials to frozen surfaces.
- Ensure that walls are capped to protect from moisture intrusion due to precipitation or heavy dewfall.

TECHNICAL SUPPORT

Consult the BASF Construction Systems Technical Services Department for specific recommendations concerning all other applications. Consult the Master Builders website, www.master-builders-solutions.basf.com, for additional information about products and systems and for updated literature.

HEALTH, SAFETY AND ENVIRONMENTAL CAUTION

Contains copolymer, titanium dioxide, and crystalline silica

RISK

May cause skin, eye or respiratory irritation. Ingestion may cause irritation.

PRECAUTIONS

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep container closed when not in use. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable Federal, state and local regulations.

FIRST AID

1. For eye contact, flush thoroughly with water for at least 15 minutes.
2. For skin contact, wash affected areas with plenty of water, and soap if available, for several minutes. SEEK MEDICAL ATTENTION if irritation develops and persists. Remove and wash contaminated clothing.
3. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION. PROPOSITION 65 This product contains materials listed by the state of California as known to cause cancer, birth defects or other reproductive harm.

MSDS

Read, understand and follow all Material Safety Data Sheets and product label information for this product prior to use. The MSDS can be obtained by calling 1- 800-221-9255, visiting www.master-builders-solutions.basf.us or emailing a request to bdgsystechsupport@basf.us. Use only as directed.

For medical emergencies only, call ChemTrec® 1-800-424-9300.

WARRANTY

BASF warrants this product to be free from manufacturing defects and to meet the technical properties on the current Product Bulletin, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. BASF MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of BASF. In the absence of an extended warranty issued by BASF, any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. BASF WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

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