DiamondShield™
A balanced, open-grid glass fiber mesh

DESCRIPTION
DIAMONDSHIELD is a balanced, open-grid triaxial glass fiber mesh that distributes stress across three directions. The unique design is engineered specifically for use with BASF Base Coats as an overlay system applied to new or existing stucco (Portland cement plaster). Improvements in tensile and flexural strength provided by DIAMONDSHIELD result in superior crack resistance properties on new or retrofit stucco applications.

USES
For use with: BASF Stucco Wall Systems, BASF Stucco Resurfacing Systems and conventional two or three coat stucco systems.

PACKAGING
96.5cm x 45.7m (38” x 150’)
4 rolls per box

COLOR
White

TECHNICAL SUPPORT
Consult our Technical Services Department for specific recommendations concerning all other applications. Reference the Wall Systems website, www.wallsystems.basf.com, for additional information about products and systems and for updated literature.

ADVANTAGES
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<td>Alkali resistant, compatible with all BASF Base Coats; high tensile strength and flexibility for long-term durability.</td>
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<td>Increased flexural &amp; tensile strength at ultimate load compared to stucco without DIAMONDSHIELD/BASF Base Coat.</td>
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<td>Fiberglass mesh / base coat overlay systems applied to stucco are recommended by various Lath and Plaster Bureaus</td>
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<td>Made in the USA in a ISO 9001:2008 certified manufacturing facility</td>
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APPLICATION

Note: Allow stucco to cure a minimum of 6 days prior to application of BASF Base Coat / DIAMONDSHIELD.

1. All surfaces to receive BASF Base Coat and DIAMONDSHIELD must be clean, dry and free of contaminants.
2. Apply mixed BASF Base Coat to entire surface of stucco with a stainless steel trowel.
3. Immediately place DIAMONDSHIELD against wet BASF Base Coat and embed DIAMONDSHIELD into the BASF Base Coat by troweling from center to the edges.
4. Lap DIAMONDSHIELD 64mm (2 1/2") minimum at edges.
5. Ensure DIAMONDSHIELD is continuous, void of wrinkles and embedded in BASF Base Coat so that no DIAMONDSHIELD is visible.
6. If required, apply a second layer of BASF Base Coat to achieve total nominal BASF Base Coat / DIAMONDSHIELD thickness of 1.6mm (1/16").
7. Allow BASF Base Coat with embedded DIAMONDSHIELD to dry hard (normally 8 to 10 hours) prior to finish coat application.

LIMITATIONS

1. Protect DIAMONDSHIELD during transportation and installation to avoid physical damage.
2. Store DIAMONDSHIELD in a cool, dry place protected from exposure to moisture.
3. See specifications and details for complete information on installation of BASF Wall Systems.
4. Apply in temperatures of 4˚C (40˚F) and higher.

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. Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on BASF’s present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. BASF reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.