# TECHNICAL DATA SHEET

# FIBER MESH

## PRODUCT DESCRIPTION

Nudura's Fiber Mesh is to be used in conjunction with Nudura's NUBASE Parging Mix. This alkali-resistant fiberglass reinforcing mesh is embedded into the base coat of the parging to provide additional strength. The Fiber Mesh also helps to resist shrinkage cracking of the parge coat once the product is completely cured.

## BASIC USES

The Nudura Fiber Mesh is embedded into the wet base coat of Nudura NUBASE Parging Mix to provide additional strength and to aid the parge coat in resisting impacts. It is recommended to install a double mat of fiber mesh on inside corners, outside corners, and corners of openings. Joints in the Fiber Mesh should be overlapped a minimum of 2" (51 mm). For complete installation instructions please refer to Nudura's website at https://www.nudura.com/.

## AVAILABILITY

Nudura's Fiber Mesh is available from your local Nudura distributor. For Distributor locations, visit https://www.nudura.com/

## PACKAGING

Nudura's Fiber Mesh is packaged in a durable clear plastic bag.

- Bag Length: 42" (1.07 m)
- Bag Width: 4" (102 mm)
- Bag Height: 4" (102 mm)
- Bag Weight: 16 lbs (7 kg)

## STORAGE

Store the Fiber Mesh in their original, undamaged packaging in a clean, dry location away from direct sunlight until the Fiber Mesh is ready to be used.

## ESTIMATING

To estimate the number of rolls of Fiber Mesh (MESH) required for a specific project, begin by determining the linear feet (linear meters) of the perimeter of the structure. Multiply this length by the width of the parge coat. Divide the result by 475ft2 (44m2) to determining how many rolls of Fiber Mesh are required for the project.

Additional Fiber Mesh should be included for inside and outside corners, as well as corners of openings.

**Imperial Calculation**

MESH= (LFPER x width of parge coat) ÷ 475ft2

**Metric Calculation**

MESH= (LMPER x width of parge coat) ÷ 44m2

## PROPERTIES

| TYPICAL PHYSICAL PROPERTIES | | |
|---|---|---|
| **PROPERTY** | **TEST METHOD** | **TYPICAL RESULTS** |
| Roll Dimensions | | 38 in x 50 yds (965 mm x 45.7 m) |
| Gross coverage per roll | | 475 ft² (44 m²) |
| Construction: Warp | ASTM D-3775 | 6 yarns/inch (24 yarns/10 cm) |
| Construction: Weft | ASTM D-3775 | 6 yarns/inch (23 yarns/10 cm) |
| Weight | ASTM D-3776 | 4.6 oz/yd² (156.0 g/m²) |
| Thickness | ASTM D-1777 | 40 mil (1.0 mm) |
| Weave | | Leno |
| Finish | | Alkali Resistant |
| Min Tensile: Warp | ASTM D-5035 | 150 lb/in (665 N/2.54 cm) |
| Min. Tensile: Weft | ASTM D-5035 | 210 lb/in (940 N/2.54 cm) |

**Please refer to our website at www.nudura.com for the most up-to-date Product Data Sheets.**

**NOTE: All Nudura Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.**

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Nudura

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