

DECLARATION OF PERFORMANCE

MARMOX gully covers

1. Product Type:

Unique identification code of the product-type:

MARMOX gully covers

2. Material:

Polymer concrete

3. Type serial number or any other element allowing identification of the construction product as required under Article 11(4):

0002 M01, 0002 M02, 0002 M03, 0002 M04, 0002 M 05, 0003 M01, 0003 M02, 0003 M03, 0004 M01, 0004 M02, 0004 M03, 0004 M04, 0005 M01, 0005 M02, 0005 M03

4. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Heavy duty gully covers (as per the order items)

See point 9.

5. Name, registered trade name or registered trade mark and contact address of the manufacturer:

MARMOX gully covers

**MARMOX, 319 El Haram St., Giza / Egypt
Tel.: +20 – 23 58 28 534**

6. Contact Address:

Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

**LMS Dr. Lietz Marketing Services GmbH
Wackenbergstr. 65-75
D – 13156 Berlin**

7. AVCP:

System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V:

**SGS Egypt Limited LLC Industrial Service – member of SGS Group.
9G Ahmed Kamel Street (off Laselky Street),
New Maadi, Cairo, Egypt.**

**National Organisation for Potable Water and Sanitary Drainage Egypt.
Administration of Testing & Industry Supervision.
Nasr City – Cairo.
Egypt.**

**National Research center
Canter unit for analysis and scientifically services
Dokki, Cairo, Egypt.**

8. Standard:

EN 1433

Declaration of Performance

9. Declared performance:

CLASSES OF MARMOX GULLY COVERS ACCORDING TO EN 1433

| Group | Min. Class | Place of installation |
|-------|------------|---|
| 1 | A-15 | Areas which can only be used by pedestrians and pedal cyclists |
| 2 | B-125 | Footways, pedestrian areas and comparable areas, car parks or car parking decks |
| 3 | C-250 | For gully tops installed in the area of curbside channels of roads which when measured from the curbside, extends a maximum of 0.5 m into the carriage way and a maximum of 0.2 into the footway. |
| 4 | D-400 | Carriage ways of roads (including pedestrian streets), hard shoulders and parking areas, for all types of road vehicles |
| 5 | E-600 | Areas imposing high wheel roads, e.g. decks, aircraft pavements |
| 6 | F-900 | Areas imposing particularly high wheel loads, e.g. aircraft pavements |

TECHNICAL SPECIFICATION OF

| Property | Measurement Method | Values | Unit |
|---|--------------------|------------------------------|--------------------|
| Density | DIN 53472 | 2.45 (+5%) | g/cm ³ |
| Bending Strength | DIN 1164 | 300 (+5%) | kg/cm ² |
| Compressive Strength | DIN 1164 | 1150 (+5%) | kg/cm ² |
| Tensile Strength | DIN 53455 | 150 (+5%) | kg/cm ² |
| Modulus of Elasticity | DIN 53457 | 2.5 x 10 ⁵ | kg/cm ² |
| Surface Hardness | DIN 53505 | ≤ 80 | |
| Linear Thermal Coefficient of Expansion | VDE 0304/1 | 1.5 x 10 ⁻⁵ / 1°C | |
| Water Absorption | DIN 53495 | < 0.1% | |
| Chemical Resistance | | Highly resistant | |
| Environmental Aspects | | Environmental friendly | |
| Fire Resistance | DIN 4102 | Fire resistant (A2) | |

10. Declaration


The performance of the product identified in points 1 and 3 is in conformity with the declared performance in point 9. This declaration of performance (DoP) is issued under the sole responsibility of the manufacturer identified in point 5.

Signed for and on behalf of the manufacturer by:


Mourad Hawas
Head Corporate Product Engineer Membranes


Uwe Lietz, GF
Head Corporate Target Market

18th, September 2017

 **marmox**

CMB
CORPORATE MARKETING & PUBLIC RELATIONS