

DECLARATION OF PERFORMANCE

CE_DoP_Rf-t_M5_EN = C-01/05/2024

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 1. Unique identification code of the product-type: | MG-U |
| 2. Intended use/es: | Sealing flammable pipes in penetrations through fire compartment walls and floors. |
| 3. Manufacturer: | Rf-Technologies NV, Lange Ambachtstraat 40, B-9860 Oosterzele |
| 4. System/s of AVCP: | System 1 |
| 5. Harmonised standard / European Assessment Document; notified body / European Technical Assessment, Technical Assessment Body, notified body; certificate of constancy of performance: | EAD 350454-00-1104, ETA 21/0375; UBAtc asbl; BCCA with identification number 0749; BCCA-0749-CPR-BC1-262-464-026-2.05-2517 |
| 6. Declared performance according to EAD 350454-00-1104 | (fire resistance according to EN 1366-3, classification according to EN 13501-2) |

| Essential characteristics | | | | | | | | Performance |
|---------------------------|----------------------------------------------------------|----------|--------------|---------------|--------------|--------------------|--------------------------|---------------------------|
| Wall type | Wall | Sealing | Type of pipe | Material pipe | Installation | Pipe diameter (mm) | Pipe wall thickness (mm) | Classification |
| Rigid wall | Aerated concrete ≥ 100 mm | PUR foam | standard | PVC | A & B | 32-75 | 1,8-3,6 | EI 120 U/U ⁽¹⁾ |
| | | | | | | 80 | 1,8-5,3 | |
| | | | | | | 90 | 1,9-5,3 | |
| | | | | | | 100 | 2,0-5,3 | |
| | | | | | | 110 | 2,2-5,3 | |
| | | | | | | 125 | 2,4-7,7 | |
| | | | | | | 140 | 2,7-7,7 | |
| | | | | | | 160 | 3,2-7,7 | |
| | | | | | | 32-75 | 2,3-4,5 | |
| | | | | | | 80 | 2,4-6,6 | |
| 90 | 2,5-6,6 | | | | | | | |
| 100 | 2,6-6,6 | | | | | | | |
| 110 | 2,7-6,6 | | | | | | | |
| 125 | 3,4-9,5 | | | | | | | |
| 140 | 4,1-9,5 | | | | | | | |
| 160 | 5,0-9,5 | | | | | | | |
| Rigid wall | Aerated concrete ≥ 100 - ≤ 200 mm | PUR foam | standard | PVC | B | 32-75 | 2,3-4,5 | EI 120 U/U ⁽²⁾ |
| | | | | | | 80 | 2,4-6,6 | |
| | | | | | | 90 | 2,5-6,6 | |
| | | | | | | 100 | 2,6-6,6 | |
| | | | | | | 110 | 2,7-6,6 | |
| | | | | | | 125 | 3,4-9,5 | |
| | | | | | | 140 | 4,1-9,5 | |
| | | | | | | 160 | 5,0-9,5 | |
| | | | | | | 32-75 | 2,3-4,5 | |
| | | | | | | 80 | 2,4-6,6 | |
| 90 | 2,5-6,6 | | | | | | | |
| 100 | 2,6-6,6 | | | | | | | |
| 110 | 2,7-6,6 | | | | | | | |
| 125 | 3,4-9,5 | | | | | | | |
| 140 | 4,1-9,5 | | | | | | | |
| 160 | 5,0-9,5 | | | | | | | |
| Rigid wall | Aerated concrete ≥ 100 - ≤ 200 mm | PUR foam | standard | PE, ABS | B | 32-75 | 2,3-4,5 | EI 120 U/U ⁽¹⁾ |
| | | | | | | 80 | 2,4-6,6 | |
| | | | | | | 90 | 2,5-6,6 | |
| | | | | | | 100 | 2,6-6,6 | |
| | | | | | | 110 | 2,7-6,6 | |
| | | | | | | 125 | 3,4-9,5 | |
| | | | | | | 140 | 4,1-9,5 | |
| | | | | | | 160 | 5,0-9,5 | |
| | | | | | | 32-75 | 2,3-4,5 | |
| | | | | | | 80 | 2,4-6,6 | |
| 90 | 2,5-6,6 | | | | | | | |
| 100 | 2,6-6,6 | | | | | | | |
| 110 | 2,7-6,6 | | | | | | | |
| 125 | 3,4-9,5 | | | | | | | |
| 140 | 4,1-9,5 | | | | | | | |
| 160 | 5,0-9,5 | | | | | | | |
| Rigid wall | Aerated concrete ≥ 100 - ≤ 200 mm | PUR foam | standard | PP | B | 32-40 | 1,8 | EI 90 U/U ⁽¹⁾ |
| | | | | | | 50 | 2,1 | |
| | | | | | | 56 | 2,2 | |
| | | | | | | 63 | 2,5 | |
| | | | | | | 75 | 3,0 | |
| | | | | | | 80 | 3,1 | |
| | | | | | | 90 | 3,2 | |
| | | | | | | 100 | 3,3 | |
| | | | | | | 110 | 3,4 | |
| | | | | | | 125 | 3,9 | |
| 140 | 4,3 | | | | | | | |
| 160 | 4,9 | | | | | | | |
| Flexible wall | Metal studs gypsum plasterboard Type F (EN 520) ≥ 100 mm | PUR foam | standard | PVC | A & B | 32-75 | 1,8-3,6 | EI 120 U/U ⁽¹⁾ |
| | | | | | | 80 | 1,8-5,3 | |
| | | | | | | 90 | 1,9-5,3 | |
| | | | | | | 100 | 2,0-5,3 | |
| | | | | | | 110 | 2,2-5,3 | |
| | | | | | | 125 | 2,4-7,7 | |
| | | | | | | 140 | 2,7-7,7 | |
| | | | | | | 160 | 3,2-7,7 | |
| | | | | | | 32-75 | 2,3-4,5 | |
| | | | | | | 80 | 2,4-6,6 | |
| 90 | 2,5-6,6 | | | | | | | |
| 100 | 2,6-6,6 | | | | | | | |
| 110 | 2,7-6,6 | | | | | | | |
| 125 | 3,4-9,5 | | | | | | | |
| 140 | 4,1-9,5 | | | | | | | |
| 160 | 5,0-9,5 | | | | | | | |
| Flexible wall | Metal studs gypsum plasterboard Type F (EN 520) ≥ 100 mm | PUR foam | standard | PE, ABS | A & B | 32-75 | 2,3-4,5 | EI 120 U/U ⁽¹⁾ |
| | | | | | | 80 | 2,4-6,6 | |
| | | | | | | 90 | 2,5-6,6 | |
| | | | | | | 100 | 2,6-6,6 | |
| | | | | | | 110 | 2,7-6,6 | |
| | | | | | | 125 | 3,4-9,5 | |
| | | | | | | 140 | 4,1-9,5 | |
| | | | | | | 160 | 5,0-9,5 | |
| | | | | | | 32-75 | 2,3-4,5 | |
| | | | | | | 80 | 2,4-6,6 | |
| 90 | 2,5-6,6 | | | | | | | |
| 100 | 2,6-6,6 | | | | | | | |
| 110 | 2,7-6,6 | | | | | | | |
| 125 | 3,4-9,5 | | | | | | | |
| 140 | 4,1-9,5 | | | | | | | |
| 160 | 5,0-9,5 | | | | | | | |
| Flexible wall | Metal studs gypsum plasterboard Type F (EN 520) ≥ 100 mm | PUR foam | standard | PP | A | 32-40 | 1,8 | EI 90 U/U ⁽¹⁾ |
| | | | | | | 50 | 2,1 | |
| | | | | | | 56 | 2,2 | |
| | | | | | | 63 | 2,5 | |
| | | | | | | 75 | 3,0 | |
| | | | | | | 80 | 3,1 | |
| | | | | | | 90 | 3,2 | |
| | | | | | | 100 | 3,3 | |
| | | | | | | 110 | 3,4 | |
| | | | | | | 125 | 3,9 | |
| 140 | 4,3 | | | | | | | |
| 160 | 4,9 | | | | | | | |
| Rigid floor | Aerated concrete ≥ 150 mm | PUR foam | standard | PVC | A & B | 32-75 | 1,8-3,6 | EI 120 U/U ⁽²⁾ |
| | | | | | | 80 | 1,8-5,3 | |
| | | | | | | 90 | 1,9-5,3 | |
| | | | | | | 100 | 2,0-5,3 | |
| | | | | | | 110 | 2,2-5,3 | |
| | | | | | | 125 | 2,4-7,7 | |
| | | | | | | 140 | 2,7-7,7 | |
| | | | | | | 160 | 3,2-7,7 | |
| | | | | | | 32-75 | 2,3-4,5 | |
| | | | | | | 80 | 2,4-6,6 | |
| 90 | 2,5-6,6 | | | | | | | |
| 100 | 2,6-6,6 | | | | | | | |
| 110 | 2,7-6,6 | | | | | | | |
| 125 | 3,4-9,5 | | | | | | | |
| 140 | 4,1-9,5 | | | | | | | |
| 160 | 5,0-9,5 | | | | | | | |
| Rigid floor | Aerated concrete ≥ 150 mm | PUR foam | standard | PE, ABS | A & B | 32-75 | 2,3-4,5 | EI 120 U/U ⁽¹⁾ |
| | | | | | | 80 | 2,4-6,6 | |
| | | | | | | 90 | 2,5-6,6 | |
| | | | | | | 100 | 2,6-6,6 | |
| | | | | | | 110 | 2,7-6,6 | |
| | | | | | | 125 | 3,4-9,5 | |
| | | | | | | 140 | 4,1-9,5 | |
| | | | | | | 160 | 5,0-9,5 | |
| | | | | | | 32-75 | 2,3-4,5 | |
| | | | | | | 80 | 2,4-6,6 | |
| 90 | 2,5-6,6 | | | | | | | |
| 100 | 2,6-6,6 | | | | | | | |
| 110 | 2,7-6,6 | | | | | | | |
| 125 | 3,4-9,5 | | | | | | | |
| 140 | 4,1-9,5 | | | | | | | |
| 160 | 5,0-9,5 | | | | | | | |
| Rigid floor | Aerated concrete ≥ 150 mm | PUR foam | standard | PP | A & B | 32-40 | 1,8 | EI 120 U/U ⁽¹⁾ |
| | | | | | | 50 | 2,1 | |
| | | | | | | 56 | 2,2 | |
| | | | | | | 63 | 2,5 | |
| | | | | | | 75 | 3,0 | |
| | | | | | | 80 | 3,1 | |
| | | | | | | 90 | 3,2 | |
| | | | | | | 100 | 3,3 | |
| | | | | | | 110 | 3,4 | |
| | | | | | | 125 | 3,9 | |
| 140 | 4,3 | | | | | | | |
| 160 | 4,9 | | | | | | | |

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|---|-------------------------------------------------------------------------------------|--|---|--------------------------------------------------------------------------|--|
| 1 | Type of installation: built-in, U/U, U/C, C/C, C/U. Mounting with or without screws | | 2 | Type of installation: built-in, U/U, U/C, C/C, C/U. Mounting with screws | |
|---|-------------------------------------------------------------------------------------|--|---|--------------------------------------------------------------------------|--|

Reaction to fire: class E (EN 13501-1)
 Durability and ease of maintenance: Y2

The performance of the product identified above is in conformity with the set of declared performance/s.
 This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Duchan Laplace, R&D Manager

Oosterzele, 01/05/2024



| Installation method | Diameter pipe | Dimension hole wall | Dimension hole floor |
|---------------------|-------------------------------|---------------------|----------------------|
| A | Mounting with screws required | 32-75 | d+50 |
| | | 80-110 | |
| B | Mounting without screws | 125-160 | d+50 |
| | | 32-160 | |

d = Nominal diameter, diameter of the plastic pipe

Harmonised standard
EAD 350454-00-1104