

TECHNICAL SPECIFICATION

DWF Fire-rated KNEE WALL ACCESS DOOR



I. APPLICATION

The DWF fire-rated, knee wall door enables access to non-habitable space located behind a vertical wall. White finished door sash is 2.6 inches thick and is filled with fire-proof insulation material. The door structure reduces heat transfer in the winter or summer months and additionally prevents from quick spread of fire. The door can be installed in a right and left opening version.

II. STRUCTURE

| No. | Element | Description |
|-----|-----------|--|
| 1 | Door | Insulated with fire-proof material, 2 1/2" Thermal insulation thickness: 2 3/8" Finished on both sides with white HDF board. |
| 2 | Frame | Made of pinewood. Depth (Jamb): 3 1/2" Equipped with a seal. |
| 3 | Equipment | Handle with a lock to ensure tight closing. 1 3/8" wide wooden finishing slats in natural colour. |

III. SIZES

| No. | Size |
|-----|---------|
| 1 | 21 x 31 |
| 2 | 27 x 35 |

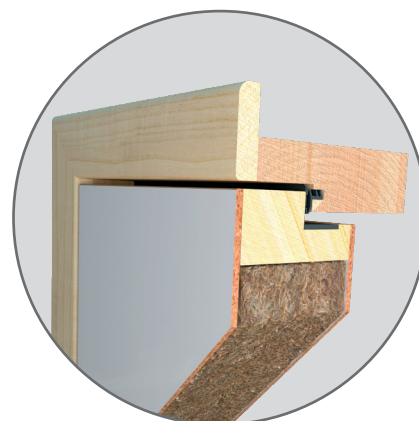
IV. TECHNICAL PARAMETERS

| No. | Description | Value | Standard |
|-----|---------------------------------|-------------------------------------|------------------|
| 1 | Door heat transfer coefficient | $U = 0.11 \text{ BTU/ht}^2\text{F}$ | PN-EN 10211:2008 |
| 2 | Tightness | 4th class* | EN 12207 |
| 3 | Fire resistance (on both sides) | $EI_{1,45}$ | EN 13501-2 |

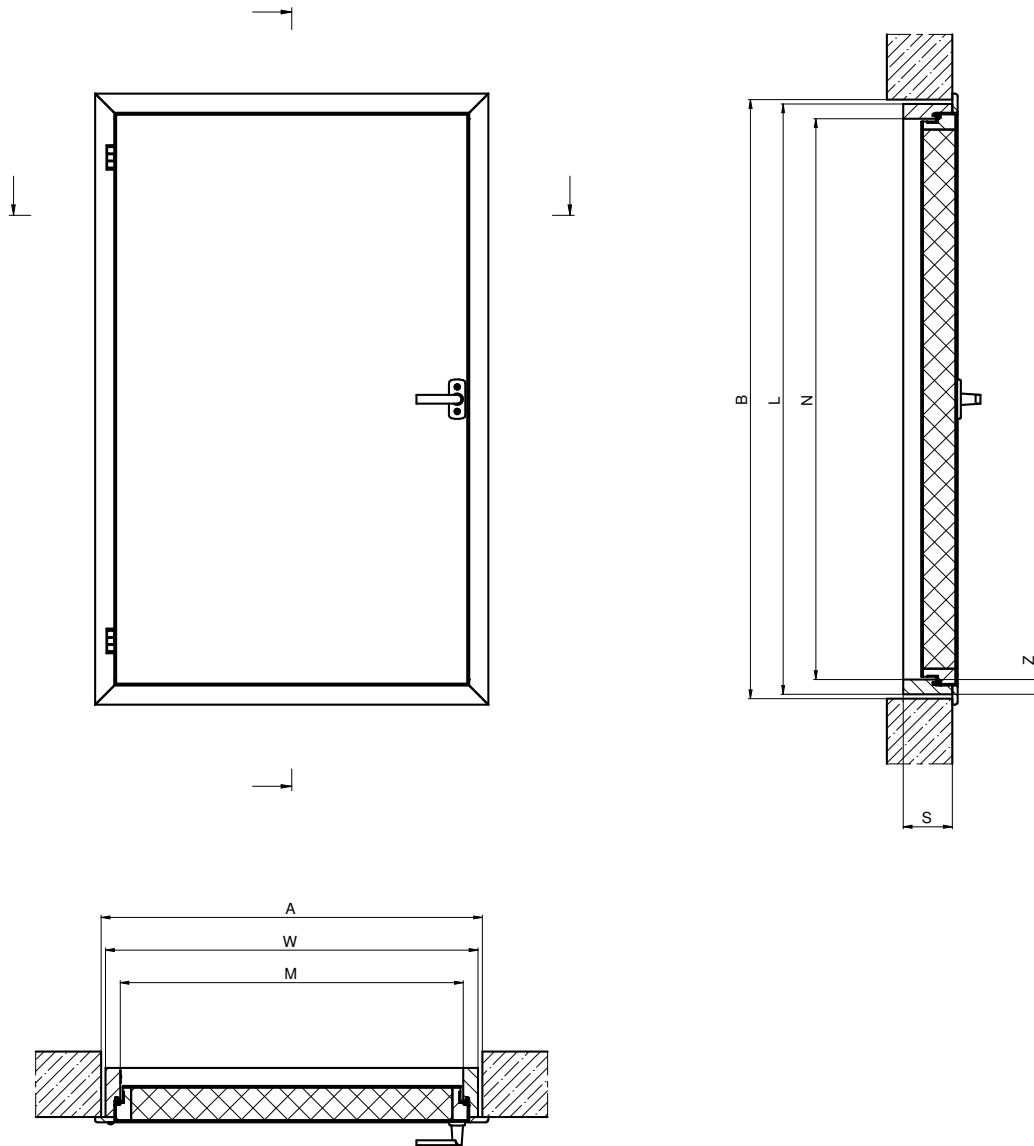
* Manufacturer's internal calculations

V. ASSEMBLY INFORMATION

DWF knee wall access door comes pre assembled and must be installed in framed rough opening in accordance with the included fitting instructions. One must ensure that the gap between door frame and rough opening framing is properly insulated.



VI. DETAILED DIMENSIONS



| DWF KNEE WALL ACCESS DOOR | | 21 x 31 | 27 x 35 |
|----------------------------------|------------|----------------|----------------|
| Rough opening [in] | AxB | 21 ½ x 31 ¼ | 27 ½ x 35 ¼ |
| Frame external dimensions [in] | WxL | 21 x 31 | 27 x 35 |
| Frame internal dimensions [in] | MxN | 19 x 28 ¾ | 24 ¾ x 32 ¾ |
| Frame depth [in] | S | 3 ½ | |
| Frame thickness[in] | Z | 1 | |