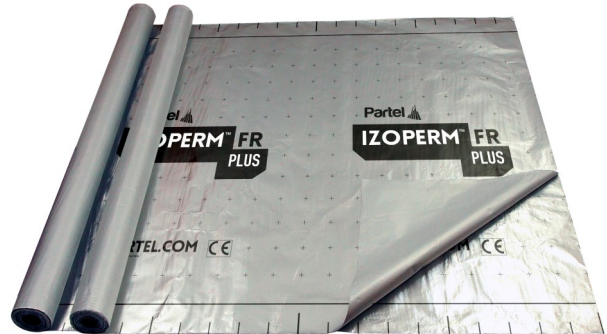


# IZOPERM A2 PLUS

## CLASS A2-S1, D0 NON-COMBUSTIBLE VAPOUR CONTROL LAYER



### Technical Data Sheet

| Description                     | Standard  | Performance          |
|---------------------------------|---|----------------------|
| Weight                          | EN 1849-2                                       | 175 g/m <sup>2</sup> |
| Colour                          |   | Silver               |
| Thickness                       | EN 1849-2                                       | 148 µm               |
| Sd Value                        | EN 1931   | 2000 m               |
| g value                         |   | 10000 MNs/g          |
| Reaction to Fire                | EN 13501-1                                      | A2—s1, d0            |
| Water Resistance                | EN 1928   | W1                   |
| Emissivity                      | EN 15956  | ≤ 0.05               |
| Tensile strength MD/CD*         | EN 12311-1,<br>mod. with<br>EN 13859-<br>1:2010 | 800 / 800<br>N/50mm  |
| Elongation MD/CD*               | EN 12311-1,<br>mod. with EN<br>13859-1:2010     | 4 / 4%               |
| Nail Tear Resistance MD/<br>CD* | EN 12310-1                                      | 170 / 150 N          |
| CE labelling                    | EN 13984  | Available            |
| Vapour Permeance                | ASTM E96  | 0.00                 |
| Surface Burning                 | ASTM E96  | CLASS A              |

\*MD = longitudinal CD = transversal

### Advantages

IZOPERM PLUS A2 has been developed as a non-combustible vapor barrier, **Class A2-s1, d0** for installation on the warm side in walls and / or ceilings to prevent heat radiation and moisture transfer.

- ✓ Water vapour diffusion tight
- ✓ Maximum structural fire safety
- ✓ Lacquered aluminium surface transparent
- ✓ Reflective material with transparent lacquer (emissivity ≤ 0,05)
- ✓ Easy to install
- ✓ **Reaction to fire A2 - s1, d0**
- ✓ The material assures superior aging resistance and dimensional stability
- ✓ Improves the structural safety and longevity in all building types
- ✓ BBA pending



#### IRL & EU

WWW.PARTEL.IE  
SALES@PARTEL.IE  
TEL: +353 (0)91 428 714

#### UK

WWW.PARTEL.CO.UK  
SALES@PARTEL.CO.UK  
TEL: 02037 401918

#### NORTH AMERICA

WWW.PARTEL.COM  
SALES@PARTEL.COM  
TEL: 888 487 1012

# IZOPERM A2 PLUS

## Fields of Application

Partel **IZOPERM PLUS FR** can be used as an inner airtight membrane and vapour control layer for externally vapour open build-ups.

- Roof, wall, floor and ceiling
- Residential and commercial building
- High-rise and high-risk buildings (schools, offices, commercial centres, hospitals, etc.)
- Compatible with all insulation types
- Complies with different project requirements

*"The information provided is based on current knowledge and experience. This data sheet may become invalid and we reserve the right to make changes to designs and processes as we continually improve quality. Processing instructions including full system component details should be adhered to. Visit [partel.com](http://partel.com) for the most up to date information"*

### IRL & EU

WWW.PARTEL.IE  
SALES@PARTEL.IE  
TEL: +353 (0)91 428 714

### UK

WWW.PARTEL.CO.UK  
SALES@PARTEL.CO.UK  
TEL: 02037 401918

### NORTH AMERICA

WWW.PARTEL.COM  
SALES@PARTEL.COM  
TEL: 888 487 1012