



# Flamshield Supreme Antislip

B-Class, antislip, wear resistant and white ceiling side

## PRODUCT DETAILS

|                         |                           |
|-------------------------|---------------------------|
| Available in            | P4 & P6 (U7) <sup>1</sup> |
| Thickness               | 38 mm                     |
| Base Plate              | 5160 x 2055 mm            |
| Available stock product | 2550 x 1000 mm            |

## CHARACTERISTICS<sup>2</sup>

|                            |                                                     |
|----------------------------|-----------------------------------------------------|
| Connection                 | tongue/groove 2/4 sides<br>feather/groove 2/4 sides |
| Bending strength           | 15 N/mm <sup>2</sup>                                |
| Modulus of elasticity      | 2600 N/mm <sup>2</sup>                              |
| Internal bond              | 0,35 N/mm <sup>2</sup>                              |
| Formaldehyde emission      | E1                                                  |
| Fire protection top/bottom | Bfl-s1 / B-s1,d0                                    |
| Slip resistance            | R12                                                 |
| Wear resistance            | AC4                                                 |

<sup>1</sup> - P6 Board of Unilin with improved characteristics.

<sup>2</sup> - All values mentioned are based on the U7<sup>1</sup> Unilin Board.

## GENERAL INFORMATION

### CHIPBOARD CLASSIFICATION ACCORDING TO EN 312

|                   |                                                                                |
|-------------------|--------------------------------------------------------------------------------|
| P4                | Constructive Boards for use in dry areas ( $\pm 640\text{kg}/\text{m}^3$ ).    |
| P5                | Constructive Board for use in dry or humid areas.                              |
| P6                | Heavy duty Board for use in dry areas ( $\pm 700\text{kg}/\text{m}^3$ ).       |
| P7                | Heavy duty Board for use in dry or humid areas .                               |
| (P8) <sup>2</sup> | Extra heavy duty Board for use in dry areas ( $\pm 750\text{kg}/\text{m}^3$ ). |

<sup>2</sup> Unofficial Berghoef name for Board with density  $\pm 750\text{kg}/\text{m}^3$ .

### SLIP RESISTANCE ACCORDING TO DIN 51130

| Class | Friction Coefficient ( $\mu$ ) | Platform angle |
|-------|--------------------------------|----------------|
| R9    | 0,00 - 0,18                    | 3° - 10°       |
| R10   | 0,18 - 0,34                    | 10° - 19°      |
| R11   | 0,34 - 0,51                    | 19° - 27°      |
| R12   | 0,51 - 0,71                    | 27° - 35°      |

### FIRE CLASSIFICATION ACCORDING TO EN 13501

| Euro Std. | Smoke    | Contribution to fire | Fire protection |
|-----------|----------|----------------------|-----------------|
| Bfl       | s1 or s2 | Very limited         | Excellent       |
| Cfl       | s1 or s2 | Limited              | Improved        |
| Dfl       | s1 or s2 | Average              | Standard        |

- s1: almost no smoke production ▪ s2: average smoke production ▪ s3: large smoke production
- d0: no droplets ▪ d1: droplets burn less than 10 seconds
- d2: droplets burn longer than 10 seconds

### WEAR RESISTANCE ACCORDING TO EN 13329

| Class | IP             | Use                             |
|-------|----------------|---------------------------------|
| AC 2  | IP $\geq$ 1500 | Domestic                        |
| AC 3  | IP $\geq$ 2000 | Commercial (moderate - heavy)   |
| AC 4  | IP $\geq$ 4000 | Industrial (heavy - very heavy) |

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