

# WrapTheBase ASLAN DFP 48

## Removable digital printing floor graphics film for smooth floors indoors

This self-adhesive digital printing film was specially designed for short-term floor graphics applications on smooth indoors floors. It has been especially developed for all short-term applications on floors with a guaranteed removability.

The floor graphic film is always used in combination with a compatible ASLAN protection film. For R9 classifications the **FloorProtect ASLAN MP 326** is recommended, for R12 classifications the **Premium FloorProtect ASLAN MP 300**.

For further information or questions regarding special applications please contact our technical advisory service: **+49 2204.708-80**

### Construction

|                |                                 |                            |
|----------------|---------------------------------|----------------------------|
| Face film:     | PVC, monomeric, white, glossy   |                            |
| Thickness:     | ~ 80 µm                         |                            |
| Adhesive:      | pressure sensitive polyacrylate | Square quantity: ~ 25 g/m² |
| Release liner: | double sided PE coated paper    | Square weight: ~ 144 g/m²  |

### Characteristics

|                                |                                                                                                                                                                                               |                                                             |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Adhesive strength (ASTM D903): | immediately<br>after 1 week                                                                                                                                                                   | ~ 2,5 N/25 mm<br>~ 8 N/25 mm                                |
| Dimensional stability:         | applied onto aluminium<br>after 48 hours stored at 70 °C (158 °F)<br>(25 x 25 cm)                                                                                                             | max. -1.5 %                                                 |
| Chemical resistance:           | In a preece test of 24 hours the applied film is resistant to most petroleum-based oils, greases and aliphatic solvents, mild acids, alkalis and salts.                                       |                                                             |
| Combustibility:                | Classified to Euroclass flame retardant standard DIN EN 13501-1 once printed and laminated with ASLAN floor graphics laminates Premium FloorProtect ASLAN MP 300 or FloorProtect ASLAN MP 326 |                                                             |
| Temperature:                   | Application temperature:<br>Service temperature range:                                                                                                                                        | min. 15 °C (59 °F)<br>-30 °C (-22 °F) up to +80 °C (176 °F) |
| Durability:                    | In combination with Premium FloorProtect ASLAN MP 300 or FloorProtect MP 325 up to 6 months indoors depending on mechanical load.                                                             |                                                             |

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## Processing

### Printability:

The material is printable with solvent, eco-solvent, latex and UV-curable as well as screen printing inks. To protect the print and to achieve the slip resistance, the print has to be laminated with an ASLAN floor graphic laminating film (FloorProtect ASLAN MP 326 or Premium FloorProtect ASLAN MP 300). Before laminating, the inks must have dried out for at least 48 hours

### Application:

WrapTheBase ASLAN DFP 48 is only suitable for the application on smooth surfaces and must not be applied on rough surfaces.

The floor graphics laminating film must be applied without overlapping.

The surface should have an adherence temperature of at least 10-15 ° C, should be dry and firm and the temperature should not drop significantly within the next 72 hours.

To prevent that the film is peeling off at the edges, rounded corners are recommended.

**Due to the wide variety of possible surfaces, we recommend a test application on the respective surface. Especially PVC, marble and wood laminate should be tested.**

### Removability:

WrapTheStreet ASLAN DFP 48 can be removed without problems and in one piece for up to six months. The film has to be removed slowly and carefully. Humidity and high temperatures increase the adhesive strength and the WrapTheBase ASLAN DFP 48 maybe can't be remove without residues.

### Storage:

Before application the film can be stored up to 2 years from date of production. The film must be stored at room temperature (15-25 °C/59-77 °F) and a relative humidity of the air of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either vertical standing or for this purpose designed 'hanging' racks.

## State 12|2021

All technical data and advice is based on our experience and measured testing that we believe to be reliable. It remains the customer's responsibility to test the suitability of our products for the intended purpose.

The quality of our products is regularly examined, upgraded and developed. We take the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of our products in accordance with our latest knowledge.