



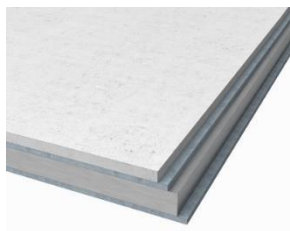

## COLOURline Powder Coating

We create special highlights in your rooms with the environmentally friendly powder coating COLOURline, a solvent-free coating method. Individual colours can be selected from the RAL, NCS, and DB colour chart. A wide range of individual and standard colours is available.

- environmentally-friendly coating process free of solvents
- individual colours can be chosen from the RAL, NCS and DB colour charts
- powder recycling saves up to 50 tonnes of powder each year



### Technical data

|                                       |  |   |
|---------------------------------------|--|---|
| Substrate   Metal ceilings            | steel, aluminium   |   |
| Substrate   Fire rated metal ceilings | steel  |   |
| Substrate   Heated/Chilled ceilings   | steel  |   |
| Colour charts                         | RAL, NCS, DB (Deutsche Bahn), according to Lindner   |   |
| Recommended perforations              | all perforations possible  |   |
| Layer structure                       | <p>steel</p> <p>coat of finishing enamel approx. 80 µm<br/>zinc layer approx. 2.5 µm<br/>steel core 0.60 – 1.50 mm<br/>zinc layer approx. 2.5 µm</p>  | <p>aluminium</p> <p>coat of finishing enamel approx. 80 µm<br/>aluminium 0.80 – 2.00 mm</p>  |

### Acoustics

#### Room acoustics

|                |  |
|----------------|--|
| Room acoustics | equipped with acoustic inlays, perforated surfaces achieve very high sound absorption values |
|----------------|--|



## Fire protection

### Building material class

|                         |                |             |
|-------------------------|----------------|-------------|
| Building material class | DIN EN 13501-1 | A2 - s1, d0 |
| Building material class | ASTM E 84      | Class A     |

## Durability

|                |              |   |
|----------------|--------------|---|
| Exposure class | DIN EN 13964 | A |
|----------------|--------------|---|

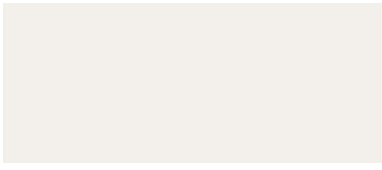
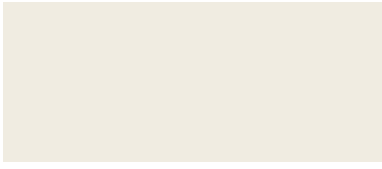




## Combinable with

|                           |  |   |  |
|---------------------------|--|---|--|
| Metal ceilings            | <u>LMD-B 100</u><br><u>LMD-B 100 SD</u><br><u>LMD-B 110</u><br><u>LMD-B 147 SD</u><br><u>LMD-DS 315</u><br><u>LMD-DS 320</u><br><u>LMD-E 200</u><br><u>LMD-E 210</u><br><u>LMD-E 213</u><br><u>LMD-E 213 BWS</u>   | <u>LMD-E 213 WL</u><br><u>LMD-E 214</u><br><u>LMD-E 300</u><br><u>LMD-E 312</u><br><u>LMD-E 321</u><br><u>LMD-E 340</u><br><u>LMD-K 420</u><br><u>LMD-L 601</u><br><u>LMD-L 607</u><br><u>LMD-L 608</u> | <u>LMD-L 609</u><br><u>LMD-L LAOLA</u><br><u>LMD-St 213</u><br><u>LMD-St 213 BWS</u><br><u>LMD-St 214</u><br><u>LMD-St 215</u><br><u>LMD-St 312</u><br><u>LMD-St 700 BWS</u>                                   |
| Fire rated metal ceilings | <u>F30 Swing-Down-Slide</u><br><u>F30 Hook-On-Swing-Down-Slide</u><br><u>EI30 Hook-On-Swing-Down-Slide</u><br><u>EI30-VKF Hook-On-Swing-Down-Slide</u><br><u>F30 Drop-Slide</u><br><u>F90 Hook-On-Swing-Down-Slide</u><br><u>EI90 Hook-On-Swing-Down-Slide</u><br><u>EI90-VKF Hook-On-Swing-Down-Slide</u> |   |  |
| Heated/Chilled ceilings   | <u>Plafotherm® B 100</u><br><u>Plafotherm® B 100 SD</u><br><u>Plafotherm® B 110</u><br><u>Plafotherm® B 147 SD</u><br><u>Plafotherm® DS 315</u><br><u>Plafotherm® DS 320</u><br><u>Plafotherm® DS Tabs 78</u>  | <u>Plafotherm® DS Tabs 125</u><br><u>Plafotherm® DS TAS</u><br><u>Plafotherm® E 200</u><br><u>Plafotherm® E 210</u><br><u>Plafotherm® E 213</u><br><u>Plafotherm® E 214</u><br><u>Plafotherm® E 312</u> | <u>Plafotherm® KN</u><br><u>Plafotherm® KN eco</u><br><u>Plafotherm® L 608</u><br><u>Plafotherm® L 609</u><br><u>Plafotherm® St 213</u><br><u>Plafotherm® B/E AirHybrid</u><br><u>Plafotherm® DS AirHybrid</u> |



## Surfaces

### Standard colours

|                           |  |   |
|---------------------------|--|---|
| RAL 9016                  | Colour chart: RAL Classic<br>Colour number: 9016<br>Colour name: Traffic white<br>Gloss level: 18 ± 3 GU<br>Gloss: silk matt     |    |
| RAL 9010                  | Colour chart: RAL Classic<br>Colour number: 9010<br>Colour name: Pure white<br>Gloss level: 18 ± 3 GU<br>Gloss: silk matt        |    |
| RAL 9006                  | Colour chart: RAL Classic<br>Colour number: 9006<br>Colour name: White aluminium<br>Gloss level: 70 ± 5 GU<br>Gloss: semi-bright |    |
| RAL 9003                  | Colour chart: RAL Classic<br>Colour number: 9003<br>Colour name: Signal white<br>Gloss level: 20 - 25 GU<br>Gloss: silk matt     |   |
| RAL 7035                  | Colour chart: RAL Classic<br>Colour number: 7035<br>Colour name: Light grey<br>Gloss level: 18 ± 3 GU<br>Gloss: silk matt        |  |
| 9006 according to Lindner | Colour chart: according to Lindner<br>Colour number: 9006<br>Gloss level: 60 - 65 GU<br>Gloss: semi-bright                       |  |

Notice: colours displayed on the screen or printout are not binding because brightness and contrast may vary. Therefore small colour differences are possible. Besides these standard colours, a wide range of individual colours is available.



## Applications



## Project solutions

This product data sheet refers to the standard version of the product mentioned above. We would be happy to work with you to find the right solution for your project. Adapted to your building project, you will receive a perfectly matched system. Project-specific constructions and adaptations can be found in the offer documents.