



# Plank 02

## Steel 240 YP

OPTIMO 02 planks offers higher slip resistance properties compared to mesh or bar grating products, which is of prime importance to designers, engineers and users worldwide. Type 02 planks are used in many applications where a high level of slip resistance is required. Standard planks are stocked therefore making the product readily available for either the client or PcP to fabricate into suitable panel sizes.



### Specifications

|                                      |                                                                                                                               |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PTV guidelines                       | 36+ Low Slip Potential                                                                                                        |
| Dry PTV average                      | 66                                                                                                                            |
| Wet PTV average                      | 50                                                                                                                            |
| Slip resistance                      | R13 = slope >35° acc. to DIN 51130                                                                                            |
| Displacement space                   | V10 acc. to DIN 51130                                                                                                         |
| Free area                            | 20-25 %                                                                                                                       |
| Upward grip holes                    | dia. 9                                                                                                                        |
| Downward drainage holes              | dia. 5 mm                                                                                                                     |
| C-C grid                             | 25 x 25 mm                                                                                                                    |
| Ball proof                           | 15 mm in accordance with EN ISO 14122-2<br>20 mm in accordance with EN ISO 14122-2<br>35 mm in accordance with EN ISO 14122-2 |
| Fire resistance Critical temperature | 550 °C                                                                                                                        |

### Suitable application areas

Access Walkways & Maintenance Platforms



PcP  
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Featured cases

- Public stairs, landings and walkways - HMS Gallipoli - Portsmouth, England
- Platforms and stairs for grand stand systems - Germany
- Steel stairways and platforms - Backstage <sup>2</sup> Upkot student flats - Ghent, Belgium
- Walkways and stairways - ImageWharf - Amsterdam, Netherlands

Related products

- Tread O2
- Plank grating O2
- Tread ACHIL O2
- Tread ACHIL VISUAL O2
- Tread BUILD VISUAL O2

Standard dimensions

| Length<br>(mm) | Width<br>(mm) | Height<br>(mm) | Mat. thickness<br>(mm) | Weight per meter<br>(kg) | Weight per m²<br>(kg) | Finish      | Availability | Item number |
|----------------|---------------|----------------|------------------------|--------------------------|-----------------------|-------------|--------------|-------------|
| 6000           | 50            | 33             | 2                      | 1.46                     |                       | Mill finish | Stock item   | C010000100p |
| 6000           | 62            | 33             | 2                      | 1.61                     |                       | Mill finish | Stock item   | C010010100p |
| 6000           | 75            | 33             | 2                      | 1.78                     |                       | Mill finish | Stock item   | C010020100p |
| 6000           | 87            | 33             | 2                      | 1.93                     |                       | Mill finish | On request   | C010030100p |
| 6000           | 100           | 33             | 2                      | 2.1                      |                       | Mill finish | Stock item   | C010040100p |
| 6000           | 112           | 33             | 2                      | 2.25                     |                       | Mill finish | Stock item   | C010050100p |
| 6000           | 125           | 33             | 2                      | 2.42                     |                       | Mill finish | Stock item   | C010060100p |
| 6000           | 137           | 33             | 2                      | 2.57                     |                       | Mill finish | Stock item   | C010070100p |
| 6000           | 150           | 33             | 2                      | 2.74                     |                       | Mill finish | Stock item   | C010080100p |
| 6000           | 200           | 33             | 2                      | 3.38                     |                       | Mill finish | Stock item   | C010090100p |
| 3000           | 100           | 45             | 2                      |                          |                       | Mill finish | Stock item   | C010100100p |
| 3000           | 150           | 45             | 2                      |                          |                       | Mill finish | Stock item   | C010110100p |
| 3000           | 200           | 45             | 2                      |                          |                       | Mill finish | Stock item   | C010120100p |
| 3000           | 225           | 45             | 2                      |                          |                       | Mill finish | Stock item   | C010130100p |
| 3000           | 250           | 45             | 2                      |                          |                       | Mill finish | Stock item   | C010140100p |
| 3000           | 275           | 45             | 2                      |                          |                       | Mill finish | Stock item   | C010150100p |
| 3000           | 300           | 45             | 2                      |                          |                       | Mill finish | Stock item   | C010160100p |

Other materials available

- Stainless steel AISI 304
- Stainless steel AISI 316



Product name  
OPTIMO Plank O2