



VEKAPLAN SF Trend

Light and versatile for unlimited possibilities



 **VEKAPLAN**

Always the ideal solution



VEKAPLAN SF Trend

Light and versatile for unlimited possibilities

VEKAPLAN SF Trend is a PVC freefoam sheet with a matt, finely textured surface.

It is particularly light, provides very good printability and is resistant to environmental influences as well as to common cleaning and sterilising agents. VEKAPLAN SF Trend thus offers virtually unlimited possibilities for an attractive design of both indoor and outdoor applications. Specifically for indoor applications this sheet is also available as VEKAPLAN SF in many different attractive colours.

Colours

- white • glowing red • pure orange
 - sunny yellow • spring green
 - ocean blue • dolphin grey • night black
- More colours upon request

Application examples

- exhibition construction • shop fitting
- displays • signage • ceiling covering
- shop window design
- illuminated advertising • stage sets
- interior and exterior architectural detail

Properties

- light • corona treated on both sides
- non fading • weather-resistant
- moisture-resistant
- highly chemical resistant
- recyclable

Processing

- sawing, drilling, milling • punching
- screen printing, digital printing
- screwing • painting
- adhesive bonding
- laminating
- hot forming, vacuum-forming

VEKAPLAN SF Trend

PVC-freefoam sheet, white, corona-treated on both sides, protective film on one side, packed on pallets. Quality B2 according to DIN 4102.

| Thickness [mm] | Dimensions [mm] | Pieces/Pallet |
|----------------|-----------------|---------------|
| 2 | 2440 x 1220 | 150 |
| | 3050 x 1220 | 150 |
| | 3050 x 1560 | 200 |
| | 3050 x 2030 | 150 |
| 3 | 2440 x 1220 | 150 |
| | 3050 x 1220 | 120 |
| | 3050 x 1560 | 120 |
| | 3050 x 2030 | 100 |
| 4 | 2440 x 1220 | 100 |
| | 3050 x 1220 | 80 |
| | 3050 x 1560 | 100 |
| | 3050 x 2030 | 80 |
| 5 | 2440 x 1220 | 80 |
| | 3050 x 1220 | 80 |
| | 3050 x 1560 | 80 |
| | 3050 x 2030 | 60 |
| 6 | 2440 x 1220 | 80 |
| | 3050 x 1220 | 60 |
| | 3050 x 1560 | 60 |
| | 3050 x 2030 | 60 |
| 8 | 2440 x 1220 | 50 |
| | 3050 x 1220 | 40 |
| | 3050 x 1560 | 40 |
| | 3050 x 2030 | 40 |
| 10 | 2440 x 1220 | 50 |
| | 3050 x 1220 | 40 |
| | 3050 x 1560 | 40 |
| | 3050 x 2030 | 20 |

Regrind sheet:

With an inner core made of regrind PVC and matt white outer layers VEKAPLAN CX offers increased strength and excellent printability. Technical details upon request.

VEKAPLAN SF Trend-FR

PVC-freefoam sheet, white, corona-treated on both sides, protective film on one side, packed on pallets. Quality "fire resistant" according to DIN EN 13501-1.

| Thickness [mm] | Dimensions [mm] | Pieces/Pallet |
|----------------|-----------------|---------------|
| 2 | 2440 x 1220 | 150 |
| | 3050 x 1560 | 200 |
| | 3050 x 2030 | 150 |
| 3 | 2440 x 1220 | 150 |
| | 3050 x 1220 | 120 |
| | 3050 x 1560 | 120 |
| | 3050 x 2030 | 100 |
| | 4050 x 2030 | 100 |
| 4 | 2440 x 1220 | 100 |
| | 3050 x 1220 | 80 |
| | 3050 x 1560 | 100 |
| | 3050 x 2030 | 80 |
| 5 | 2440 x 1220 | 80 |
| | 3050 x 1220 | 80 |
| | 3050 x 1560 | 80 |
| | 3050 x 2030 | 60 |
| 6 | 2440 x 1220 | 80 |
| | 3050 x 1220 | 60 |
| | 3050 x 1560 | 60 |
| 8 | 3050 x 2030 | 60 |
| | 3050 x 2030 | 40 |
| | 3050 x 1560 | 40 |
| 10 | 3050 x 2030 | 30 |

VEKAPLAN SF

PVC-freefoam sheet, coloured, corona-treated on both sides, protective film on one side, packed on pallets. Quality B2 according to DIN 4102.

| Colour | Thicknesses available from stock [mm] | | | | |
|--------------|---------------------------------------|---|---|---|----|
| | No. | 3 | 5 | 8 | 10 |
| night black | 40 | ✓ | ✓ | ✓ | ✓ |
| dolphin grey | 44 | ✓ | ✓ | - | ✓ |
| glowing red | 46 | ✓ | ✓ | - | ✓ |
| sunny yellow | 47 | ✓ | ✓ | - | ✓ |
| spring green | 48 | ✓ | ✓ | - | ✓ |
| ocean blue | 49 | ✓ | ✓ | - | ✓ |
| pure orange | 52 | - | ✓ | - | - |

| Thickness [mm] | Dimensions [mm] | Pieces/Pallet |
|----------------|-----------------|---------------|
| 3 | 3050 x 1560 | 60 |
| 5 | 3050 x 1560 | 40 |
| 8 | 3050 x 1220 | 40 |
| 10 | 3050 x 2030 | 30 |

| Properties | Standard | Value |
|---|---------------------|-----------|
| Thickness [mm] | | 2-10 |
| Density [g/cm ³] | DIN EN ISO 1183 | 0,47-0,57 |
| E-modulus [MPa] | ISO 527 (50 mm/min) | 800-1100 |
| Impact strength (Charpy) [kJ/m ²] | ISO 179/1eU | 12,5-15,5 |
| Notched impact strength (Charpy) [kJ/m ²] | ISO 179/1eA | 1,5-3,0 |
| Tensile strength [MPa] | ISO 527(50 mm/min) | 13,2 |
| Flexural strength [MPa] | ISO 178(2 mm/min) | 21 |
| Shore hardness D | ISO 868 | 38±5 |

| Properties | Standard | Value |
|---|----------------------|-------------|
| Coefficient of expansion [mm/mK] | DIN 53752 | 0,06 |
| Compressive strength [N/mm ²] | DIN EN ISO 604-12 | 2-4 |
| Vicat-softening point [°C] | ISO 306 (B50) | 55 |
| Heat distortion temperature [°C] | ISO 75-2 (1,8 MPa) | 56 |
| Water absorption [%] | ISO 62 (after 216 h) | 0,9 |
| | DIN 4102 | B2 |
| | NFP 92 -512 | M1 (2-5 mm) |

Fire rating

| VEKAPLAN SF Trend-FR (upon request) | |
|-------------------------------------|-------------------------------|
| DIN EN 13501-1 | C - s3 d2 „fire resistant“ |