

# Aircell<sup>®</sup>

Panel  
Intermediate layer  
Individual



Type	3/1000	5/1500	5/2000	9/2300	10/2500	10/3000	10/4000	15/5000	16/5000
<b>Weights and volumes</b>									
Total thickness (mm)	3 ± 0.4	5 ± 0.4	5 ± 0.4	9 ± 0.4	10 ± 0.4	10 ± 0.4	10 ± 0.4	15 ± 0.5	16 ± 0.5
Surface weight (g/m²)	1000 ± 50	1500 ± 60	2000 ± 100	2300 ± 100	2500 ± 100	3000 ± 100	4000 ± 150	5000 ± 200	5000 ± 200
<b>Physical properties</b>									
Bending force max. (F max. in N)	≥ 45	≥ 100	≥ 150	≥ 250	≥ 400	≥ 450	≥ 650	≤ 900	≤ 800
Deflection at F max. (mm)	≥ 4.5	≥ 4.5	≥ 5.5	≥ 4.5	≥ 5	≥ 5	≥ 6	≤ 8	≥ 6.5
Elasticity module (MPa)	≥ 0.15	≥ 0.5	0.5	≥ 1.5	≥ 2.5	≥ 3.0	≥ 3	6	≥ 4
Cold resistance (-20°C) (mm)	≤ 100	≥ 150	≥ 150	200	200	230	300	500	450

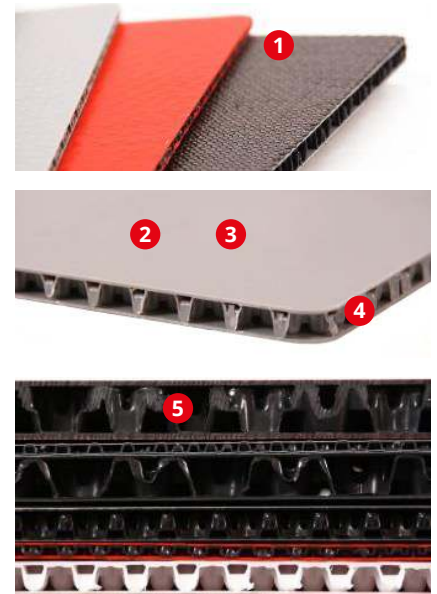
## Aircell® Air chamber panels

The patented air chamber panels made of plastic from wi-sales, one of the most innovative plastic experts in Germany, are stable, simple, cost-effective and in-particular, lighter! The super stable ultra lightweight only weighs one third of a comparable solid plate but is just as stable and on top, is much more cost effective.



You determine the version. By colored surfaces or an individual print, by additional properties such as an anti-slip coating and / or a textile / fleece finishing.

Our lightweight for tough tasks – the Aircell® air chamber panels 15/5000 and 16/6000 – unique in manufacturing and use. The multi talent for your very special challenges.



## Aircell® benefits

- Corrosion and rot-proof
- Weather and moisture resistant
- 100 % recyclable
- Food-safe
- Individual color design
- Surface coating with textile, foam, fleece
- Surface coating with anti-slip (TPE)
- Edges open or closed
- Deep drawn air chamber panels made of PP, PS, ABS, HDPE
- Ultra-light with extreme stability
- Material thicknesses from 3 to 30 mm
- Thermal and acoustic insulating

## Application range

### Packaging area:

- Foldable reusable load carrier
- Container rings for pallet and cover systems
- Intermediate inserts and inserts
- Stacking container and special packaging

### Pallet processing:

- Load floors and side walls
- Covers (spare wheel, luggage compartment)
- Display and partition walls
- Suitcase inserts
- Advertising boards

## Aircell® features

- 1 Different film colors in one panel
- 2 High compressive and impact strength
- 3 Smooth surface
- 4 Patented 3D structure
- 5 Aircell® air chamber panels comprising 3 film webs. The middle web is provided with its 3 dimensional structure due to the specific deep-drawing process.