

KOHPA® Application Possibilities

1. Shielding (Degree of Shielding Efficiency 99 - 99,999 %)

- Packaging to protect technologically sensitive components
- Shielding against electromagnetic radiation in ecological house construction (currently 5 G-Network)
- Shielding of living spaces by wall-papering individual lengths of paper (Faraday cage)

2. Surface Heating and Electrostatic Discharge

- Caravan and campervan floor heating
- Para-vent heaters
- Automobile interior heating
- Construction: Wall, floor and roof heating, mould control

- Furniture Industry: Table top heating, hot plates, cupboard heating
- Portable toilet heating
- Wing and rotor blade heating (against ice)
- Electrostatic discharge for floor coverings

3. Other Product-Specific Variations

- High air permeability
- Surfaces glued and / or finished
- High wet strength
- Flame safety in accordance with building class B1 (low flammability)

4. Other Application Possibilities of Carbon Fibres

- Light-weight constructions and origami technology
- Organic sheet sandwich structure (up to 95% C-content)
- Organic sheet with bi-combi fibres
- Surface finishes (e.g. automobile body parts)
- In combination with aramid fibres for clutch disks and brake linings

5. In Connection or in combination with...

- Fuel cells
- Battery storage