

Process:

## Proco-EP (Pes)

Typical characteristics:

- Good anti- corrosion
- Impact- and shockproof
- Smooth surface
- Excellent adhesion to iron, zinc, aluminium, non-ferrous metals, glass, ceramics

These **powder coatings** are used wherever normal paintwork requirements cannot be met. They offer good resistance to diluted acid or lye as well as to aggressive cleaning agents.

Depending on the colour, the coatings are suitable for contact with foodstuffs, drinks and tobacco. We use our Proco – Pes process on components exposed to natural weather.

We use our Proco-EP/KU 600 process (coating thickness 1.500-2.500 µm, colour blue- grey) as insulation coating for live components.

Application areas:

General steel and metal construction, vehicle construction, welded structures, device enclosures, machine frames, ventilation systems, general tool-building, wire products.

Characteristics:

Characteristics:	Duroplast
Colour:	to choice
Coating thickness:	60–300 µm
Permissible thermal stress, dry:	+ 80° C
Permissible cold stress:	– 40° C
Specific weight:	1.5 g/cm <sup>3</sup>
Dielectric strength:	30 kV/mm (depending on colour)
Thermal conductivity:	0.2 kcal/m h° C
Thermosetting:	thermal
Pre-treatment:	Anticorrosion blasting Sa 3 (DIN EN ISO 12944-4) Degreasing Chromating Phosphating

The guidelines of DIN EN 14879-1 are applicable to the planning and production of structures which are to be coated.