Coating application instructions

Attention: New Coating !!!

Tools:

- Compressor should be fitted with a watertrap / filter
- Compressor (operation - pressure 6 – 8 bar, air volume 200 l/min.)
- Spray gun with 1,5- to 1,6-mm-nozzle (with air volume control, spray quantity control and spray pattern control)
- Plastic beaker
- Spatula
- Extraction unit
- Protective clothing

Pigment mixture
Mixing ratio: max. 5 % pigment to 95 % coating

Material selection of the foam (Polyurethan)
Ideal spray-results will be achieved with Polyurethan foams. Furthermore block foam and blended foam can be coated with very good results. PE and Neopolen cannot be coated as the surface adhesion is poor on these materials.

Individual Seating mould
(Polyurethan-moulding blank)

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Precoating without primer
Inject coating at high pressure (appr. 8 bar) and with a limited amount of coating at close range (distance appr. 10 cm) into the material. This provides a successful bonding. for the following coats.
(At this stage the appearance or finish is not important).


Distance appr. 10 cm
with little amount of coating)

Spraying procedure
The pressure will be reduced to 4 – 6 bar and the amount of coating increased. The spraying distance between spray gun and the material to be coated should be appr. 30 cm. According to experience 6 – 8 layers of coating are sufficient to obtain a skin like density.


Distance appr. 30 cm

Rounding off the procedure
As soon as the intended result is achieved, the process will be finalised by spraying with atomised spray (Waterspraybottle with destilled water). After this, the surface can be touched carefully. Caution: too much water could lead to streaks and water blotches.


Fine Watermist

Drying
Leave to dry at normal room temperature over a period of 24 hours, at least overnight.


Colours available according to choice

Cleaning
Pour residue into a sealed container. Spray empty beaker with water and let it soak overnight.
Dismantle the spray gun and peel off the cured coating.
Then clean pistol with compressed air.

Water or water vapour will cause the material to react (clotting) during spraying

If further questions remain, please direct an email to
info@mclean-rehatechnik.de

We would be happy to assist you!

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