

Recommendation for application of translucent base coats FREIOTHERM KO1897-series

(in addition to technical data sheet)

Translucent translucent base coats FREIOTHERM KO1897-series are designed to be applied as a sandwich layering system for diamond turned or polished surfaces.

Typical Layering system after homogenous pretreatment of diamond turned / polished surface:

- Powder clear coat e.g. PO1857/PT1005/PY1005
- Translucent base coat KO1897 in different color settings
- Powder Clear Coat e.g. PO1857/PT1005 (plus protective Liquid clear on top) or PY1005

Using a wet-in-wet process as an alternative as

- Powder clear coat e.g. PO1857/PT1005/PY1005
- Translucent base coat KO1897 in different color settings, followed by
- Protective Liquid clear matt or glossy is an option, that might work depending on application and curing settings, and will have to be tested online

The color intensity of translucent base coats is determined by the film thickness of the layer. Inhomogenous layer thickness result in colour variations and / or cloudy appearance especially on the diamond turned or polished surface area of the wheel, excluded from recourse claims.

A proper application of the first layer powder clear coat e.g. PO1857/PT1005/PY1005 with smooth flow and without defects like pultrusions or craters is fundamental for a homogenous appearance of the translucent base coat KO1897. Such defects may cause spotting and result in higher reject rates, excluded from recourse claims. Sanding of defects on the first powder clear coat layer is not applicable and creates irregularities in the translucent base coat film.

Application could be done by high rotation bell or spray guns. In several application trials it was realized that application by guns ends up in more uniform, less cloudy appearance of the translucent layer.

Our safety and technical data sheets contain all further information.