

product name: **TRANSPARENT POLYURETHANE ENAMEL** **OT series**

general features

Polyurethane transparent enamel, for all wood materials.

- application with spray gun or layer coating
- many different possible uses
- soft feel
- uniformity of the matting agent
- anti-scratch

versions

OT 15 15 gloss ± 3
 OT 30 30 gloss ± 3
 OT 45 45 gloss ± 3
 OT 60 60 gloss ± 3

substrate pre-treatment

To be applied over any PU primer, any polyester primer, or any UV primer, after sanding with 400 grains paper.

recommended applications

- plain substrates
- assembled furniture
- all interior furnishing

application method

- spray gun: nozzle size 1.5 mm
 spray pressure 2.5 bar
- airmix: nozzle size 1.1 - 1.5 mm
 spray pressure 80 – 120 bar
- layer

product preparation

catalysis ratio and thinning ratio:

product	by weight
OT 15-30-45-60	100
QR 3003	50
DX 111	10 – 15

technical and supply data

solid content (% w/w)	min: 45,0	max: 47,0
solid content (% v/v)	min: 41,0	max: 43,0
specific weight (g/l)	min: 960	max: 1000
application viscosity (sec – CF4)	14–17	
pot life (hours)	2	
theoretical coverage (g/mq)	150	
number of coats	1 (after application of 2 coats filler FA01)	

drying at 20°C

dust free	10 minutes
touch free	40 minutes
dry to use/service	6 hours

drying tunnel

	temperature	time
flash off	20°C	15 minutes
laminar flow	50°C	80 minutes
cooling	20°C	15 minutes

shelf life

24 months at + 5/35°C