



HIGH TEMPERATURE RESISTANT TWO COMPONENT VARNISH

THERMODUR 600-ASS BBQ

- no fumes at the first heating
- very good resistance to high temperatures and stability to colour-shade at temperatures up to 600°C
- very good anti corrosion properties at single layer coating

High temperature resistant 2-component coating which is specially developed for exterior painting of smoker and grills used in the outdoor area. This coating distinguishes by its excellent resistance to high temperatures and stability to colour-shade at temperatures up to 600°C.

APPLICATION

PROCESSING	NOZZLE TYPE	VISCOSITY	PRESSURE
Air syringe	1,5–1,8 mm	processing in mixing viscosity	2,5–3,5 bar
Airless	0,28–0,33 mm	processing in mixing viscosity	70–100 bar

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APPLICATION:

Application:

spraying, air-atomisation, electro-static, airless

Application instructions:

No processing below 10 °C!

Delivered viscosity:

DIN 53211 4 mm, 40–45 sec.

Mixing ratio:

10 parts by weight Thermodur 600-ASS BBQ
1 part by weight Hardener thinner ASS

Film thickness:

approx. 90 µm DFT (minimum 70 µm DFT,
maximum 120 µm DFT)

Thinner:

87052, 200 Use thinner 87052 for dilution and for
cleaning the tools.

Drying:

DIN 53150 – Air drying or forced drying

Repair of mechanical damages with Thermodur 600
Spraycans.

DRYING TIME

DRYING	TIME
Forced drying	20 Min./40 °C 15 Min./60 °C
Air drying	40 min./20 °C

Shelf life:	at least 12 months
Solids content:	EN ISO 3251 65 +/- 3 % in mixture e.g. black
Volume-solids content:	calculated 44 +/- 3 % in mixture e.g. black
Specific weight:	EN ISO 2811-2 – 1,48 +/- 0,05 g/ml/20°C in mixture e.g. black
Theoretical consumption:	3,3 m ² /kg with 90 µm DFT

TECHNICAL DATA

Colours:	black
Gloss degree:	mat
Substrate:	steel sheet: sandblasted; sand blasting – SA 2,5 according ISO 8501-1 Ra value = 4 – 7 µm and Rz value = 40–50 µm according to DIN EN ISO 4287; cast steel: sand blasting – SA 2,5 according to ISO 8501-1



This data is based on experience, for its completeness we assume no liability. As we take no influence on the processing, it lies within the obligation of the customer to test, whether it is suitable for the intended purpose, before using the product. Any change in the processing procedure, the environmental conditions or the failure to comply with instructions may unfavourably influence the result.