

TECHNICAL DATA SHEET

Revision date: 11.01.2024

HS 2K FAST & PERFECT EXPRESS CLEAR COAT

Article number:	11805, 11808
Colour:	transparent
Intended use:	Car refinishing product/ Clear coating material, Varnish
Substrates:	Basecoat
General characteristics:	2K High quality Fast & Perfect HS express clear coat for fast and economic car refinishing (express technology), especially in case of oven drying. It is also suitable for spot repair. This product provides excellent resistance against environmental and weathering conditions as well as yellowing and offers durable gloss retention.

PAINTING PREPARATION PROCESS

Hardener: Chamäleon HS Hardener 280

Dilution: without thinner

Mixing ratio (by volume): 2:1

Mixing ratio (by weight):

No thinner is added. Do not zero the scale when mixing.

Clear coat, g	Hardener, g	Total weight, g	Mixture quantity, ml
67	35	102	100
134	69	203	200
201	104	305	300
268	138	406	400
335	173	508	500
402	207	609	600
469	242	711	700
536	276	812	800

603	311	914	900
670	345	1015	1000

Spraying viscosity 4 mm DIN (20 °C): 17 - 19 s

Pot life at 20 °C: 1 - 1.5 h

APPLICATION PROCESS

Processing conditions:

Please only use in an adequate ventilated environment with an ample supply of fresh air. Processing temperature should be at least +12 °C and max. air humidity should not exceed 80%.

Application method	Pressure	Nozzle
Gravity spray gun	2.0 - 2.5 bar	1.2 - 1.3 mm
HVLP	2.0 - 2.5 bar	1.2 - 1.3 mm

Spraying operations	DFT	Consumption
1,5	40 - 60 µm	9.0 - 10.0 m ² /l

Flash-off time	Between the coatings	Before the oven drying
	3 - 5 min	10 - 15 min

Drying	Dust free	Set to touch	Full hardness
Object temperature 20 °C	15 - 20 min	1 - 2 h	6 h
Object temperature 60 °C	-	15 min	15 min
IR-drying shortwave*	8 min		
IR-drying mediumwave*	10 - 15 min		

*During IR-drying the object temperature should not exceed 60 – 70 °C

Polishing:

After full hardness time, recommended Chamäleon polishing compounds LASER

VOC regulation:

EU limit value: Category B/d 420 g/l

This product contains max. 420 g/l VOC

Shelf life:

36 months, if stored in tightly closed original containers

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This release replaces all eventually earlier issued versions.

For additional information, not contained in this Technical Data Sheet, please contact the supplier via:
info@chamaeleon-produktion.de

For safety information, please refer to the corresponding Safety Data Sheet.