

# DUOCRYL PROFI

Technical Information



<b>Characteristics:</b>	Quick-drying two component topcoat, based on an polyacrylic-resin, non-fading. For the achievement of a perfect result, the following information is to be considered.			
<b>Range of Application:</b>	Resistant surface-refinement for woods in joinery and furniture industry. Also suitable for stairs. Can be used on the coloured Rocryl-system. For an even better non-fading result please use our DuoCryl TOP.			
<b>Undergrounds:</b>	Dry, resin-free coniferous wood, if a stain was used the underground must be absolutely clean and dry			
<b>Mixing ratio</b>	10:1 with hardener DuoCryl-Härter			
<b>Pot life</b>	Max. 24 hour / 20°C and 65% atmospheric humidity			
<b>Processing:</b>		Airless	Airmix	Cup-gun
	Spraying-pressure	60 – 80 bar	50 – 60 bar	-
	Air-pressure	-	1,5 – 2 bar	2,5 – 3,5 bar
	Jet-size	0,23-0,33 mm	0,23-0,33 mm	1,7-1,9 mm
	Working-viscosity	ca. 27s/4mm	ca. 27s/4mm	23-25 s/4mm
	Depending on the spraying tool divergations in spraying-pressure, air-pressure and jet-size are possible. Processing temperature : Do not apply below +18°C, the temperature of the surface to be covered has to be above +18°C Not suitable for painting and rolling			
<b>Thinner</b>	DuoCryl Profi together with the DuoCryl Hardener can be used without any thinner. If wanted use DD-Verdünnung Nr. 20 and DD-Verdünnung Nr 25 (5%) to slow down the drying			
<b>Productivity:</b>	Application- quantity: 120 - 140 ml/qm 7-8 qm/l per coating (dependent on the absorbency of the wood and the way of the processing).			
<b>Drying time:</b>	Depending upon kind of the processing and the application quantity at ambient temperature (20° C/65% relative air humidity): To touch: after 30 minutes To polish and topcoat: after 2 hours			

<b>Gloss level:</b>	3 = silky glossy, 34 = silky mat, 4 = semi mat, 45 = mat, 5 = deep mat
<b>Priming and Covering</b>	DuoCryl Profi can be used als priming and top coat. In order to make the surfaces very resistant we recommend to cover with DuoCryl Profi three times. DuoCryl Profi 5 (deep mat) ist only used as protective top coat, therefore the priming must be more glossy (34 or 4)
<b>Equipment cleaning:</b>	With warm water.
<b>Shelf-life:</b>	12 month (hardener 6 month) when stored indoors in original closed cans with a temperature between +5° C and +30° C.
<b>Special remarks:</b>	The surfaces covered with DuoCryl Profi are dry and pilable after short time, nevertheless the required chemical and mechanical effects are secured after 5-7 daysj(20°C/65%) Analysis: DIN 4102-B1: heavily inflammable DIN EN 12720: Resistance against chemicals DIN 68861-2: Wear resistance DIN EN 71-3: Security for toys DIN EN 13893 checks to stop slippery
<b>Security:</b>	GefStoffV: F = easily inflammable Vbf: AI ADR/RID: class 3 F 1 III UN-code: 1263 VBG 23: Instructions to avoid accidents
<b>Please Consider:</b>	The product and the references in this instruction card correspond to today's state of the art. Our application technology recommendations in word and writing, which we give due to our experience after best knowledge, are noncommittal and justify no contractual legal relation and no additional obligation from the sales contract. They do not release the user from his obligation to check the existing underground and the suitability of our products for the intended purpose with own responsibility. In case of doubt suitability and quantities consumed are to be examined by creating a sample surface. When merging other products with our own products or in common processing with foreign manufactured products we cannot guarantee a perfect final result of the surface. During the processing of our products the contracting regulation for building works and supplies (VOB) is to be considered. Our general terms of payment and supply apply.
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