

Line: Finishing products	Type: 2:1 HS anti-scratch transparent special finishes
Category: 2k special finishes	Code: 2030.01

Name or commercial logo: **ACRYFILM AG**













- Nature:** bicomponent coating composed by acrylic resins, high solid content (HS), added with anti-scratch additives and UV filters. It polymerize by polyisocyanate resins (ratio 2:1 catalysis).
- Use:** multilayer transparent finishing used to make partial/total remaking or adjustments in double layer coating cycles on opaque bases, pastel, metallic, crystal and opalescent effect to give them specular quality, clearness, gloss and to improve resistance qualities against weathering and chemical/physical agents. It increases the resistance to the scratches.
- Peculiarities:**
- the emissions of volatile organic compounds is concordant with requirements of Directive 2004/42/EC.
  - excellent stretching and flexibility;
  - excellent resistance to scratches and to the impact with gravel; the final coat presents excellent specular quality, durable clearness and gloss. Non-yellowing and easily polish.
  - it is compatible with water-based coats.

**Physical features:**


Aspect:	Transparent liquid, free from extraneous material	Supply viscosity:	0,293 Pa*s (Brookfield: RV 2, rpm 50)
Color:	Colorless	Dry residue (mixing A+B):	49% (± 2%)
Odour:	Typical of solvents	Theoretical yield (mixing A+B+C):	3,7 m <sup>2</sup> /l for 100 µm
Specific weight:	0,990 kg/l (± 0,010 kg/l)		

Directive 2004/42/CE:	all. II B/e - special finishes, all kinds	
	Maximum VOC content limit value expressed in g/l of ready for use product (1.1.2007):	840
	ACRYFILM AG ready for use (+50% of 2K AG hardener +30% of ACRYLDIL thinner, volume parts) VOC expressed in g/l:	562

**Applicative data:**

	Clean carefully the surface to work from paint fumes or every trace of grease, oil, silicone, fingerprints, glue and dust by means of an anti-silicone thinner for washing (our type NOSIL S/N 184).				
	ACRYFILM AG special finishing: 100 ml    100 g 2K AG hardener: 50 ml    50,4 g ACRYLDIL thinner: 30 ml    27,6 g	Carefully mix and filter before pour into airbrush cup.			
	Pot life at 23 °C: 5h 30'		Application Viscosity: Ford cup Ø 4 at 23 °C: 17"		
	Type nozzle Ø pressure at the nozzle Standard: 1,2 - 1,3 3,5 bar HVLP / LVLP: 1,2 - 1,3 1,8 - 2,2 bar		1 light coat and 1 finish coat at interval of 8 - 10 minutes. Advised final thickness: max 40 + 50 µm		
	Dust free at 23 °C: 30'		Dry to the touch at 23 °C: 90' 60 °C: 30'		
	Dry to the touch: 12'		Ready to assembly at 23 °C: 10 h at 60 °C: 50'		Total dry (23 °C): 24 h
	The product lifetime is of 12 months from delivery date, if the product is stored in a dry place at temperature between 10 °C and 35 °C, in unopened original containers, away from sparks and flames, according to general sales conditions.				

**Warnings & Precautions:**

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|  | <ul style="list-style-type: none"> <li>- Read carefully the Safety Data Sheet before use;</li> <li>- Product specifically for PROFESSIONAL USE;</li> <li>- Respect all laws in force concerning the use of polyurethane products;</li> <li>- Store and apply the product at a temperature not inferior to 20 °C;</li> <li>- Ensure that the temperature of the support to be treated is compatible with the product storage temperature;</li> <li>- Avoid using A+B mix that has exceeded the pot-life time, the final film might not stick well.</li> </ul> |
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**Consumer information:**

The information here contained are based on our knowledge at the moment. We reserve the right to make changes in the characteristic data of the product in relation with technological progress or productive developments. Due to factors beyond our control in the applicative phase of the product, the information here contained are not a form of guarantee for specific qualities of the product itself, nor its suitability for a specific application. If a responsibility is determined, this will be limited to the value of the provided products used by the consumer. We guarantee however the constancy in the quality of our products. Our responsibility concerns only the area of the General Sales Conditions. This Technical Data Sheet supersedes all the previous.

