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Technical Data Sheet **POLYGRAF AQUA**

Type	Water-based two-component polyurethane acrylic colored or transparent anti-graffiti coating.	
Application	2K anti-graffiti laquer / varnish for finishing of plastics, metal and mineral supports.	
Properties	<p>Excellent adhesion on most porous mineral supports. Very good resistance against chemical products, atmospheric contamination and atmospheric influences such as acid rain, salt mist, melt salt and erosion. Resistant against cleaning with aggressive detergents, high pressure water and steam. Resistant against pollution, urine, corrosion, moss, ... Fungicidal. Resistant against UV, non-yellowing with retention of gloss, non-pulverizing. High abrasion resistance, resistant to scratching, trembling and normal usage. Resistant against graffiti (paint, marker, advertisement glue, ...). Resistant against saponification. Good balance between hardness and flexibility. Compliant with RoHS legislation. Resistant against carbonatation, diffusion CO² and SO². For interior and exterior use.</p>	
Technical data	Aspect	: colored or transparent liquid
	Gloss	: mat / satin / gloss
	Density	: ca 1.05 kg/lit (depends on color)
	Solid matter content	: ca 40 % in weight (depends on color)
	Drying period	: dust dry : appr 60 min
	(20°C / 65 % RV)	finishing : appr 5 hours
		(optimal chemical resistance after appr 10 days)

Application data	<p>Environmental factors: temperature min 10 °C air humidity between 40 and 80 % RH</p> <p>Dilution : water Cleaning : water Hardener : VHX-0600 (33% in volume) Potlife : 2 hours at 20°C Return : theoretically : 8 m² practically : depends on methode of application, quality of substrate and shape of object.</p> <p>Remark : blend well before usage</p>
Method of application	<p>Blend de 2 components and have the mixture de-aerate for 5 min.</p> <p>Conventional spray gun / airmix : dilute 5%. Airless, brush/paint roller : ready for use. Remark : always apply minimal 2 layers for a proper resistance.</p>
Preparation of support	<p>Mineral support, untreated : 1st layer 10 to 15 % diluted, followed by 2 undiluted layers. Metal support, untreated : always apply appropriate primer. Metal support, powder coating : always conduct adhesion test. The substrate has to be free of any dust, fat and other contaminations.</p>
Storage life	Minimum 6 months, in unopened, original packing, stored at a cool, dry and frost-free place.
Safety information	<p>Check safety data sheet Storage, use and removal according to local regulations. This product is not allowed to end up in the sewer system.</p>

EU-limiting value for this product (cat. A/j : 140 g/l (2010). This product contains 60 g/l VOC.

The information in this data sheet is not intended to be exhaustive. Any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. All products supplied and technical advice given are subject to our Conditions of Sale. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development.