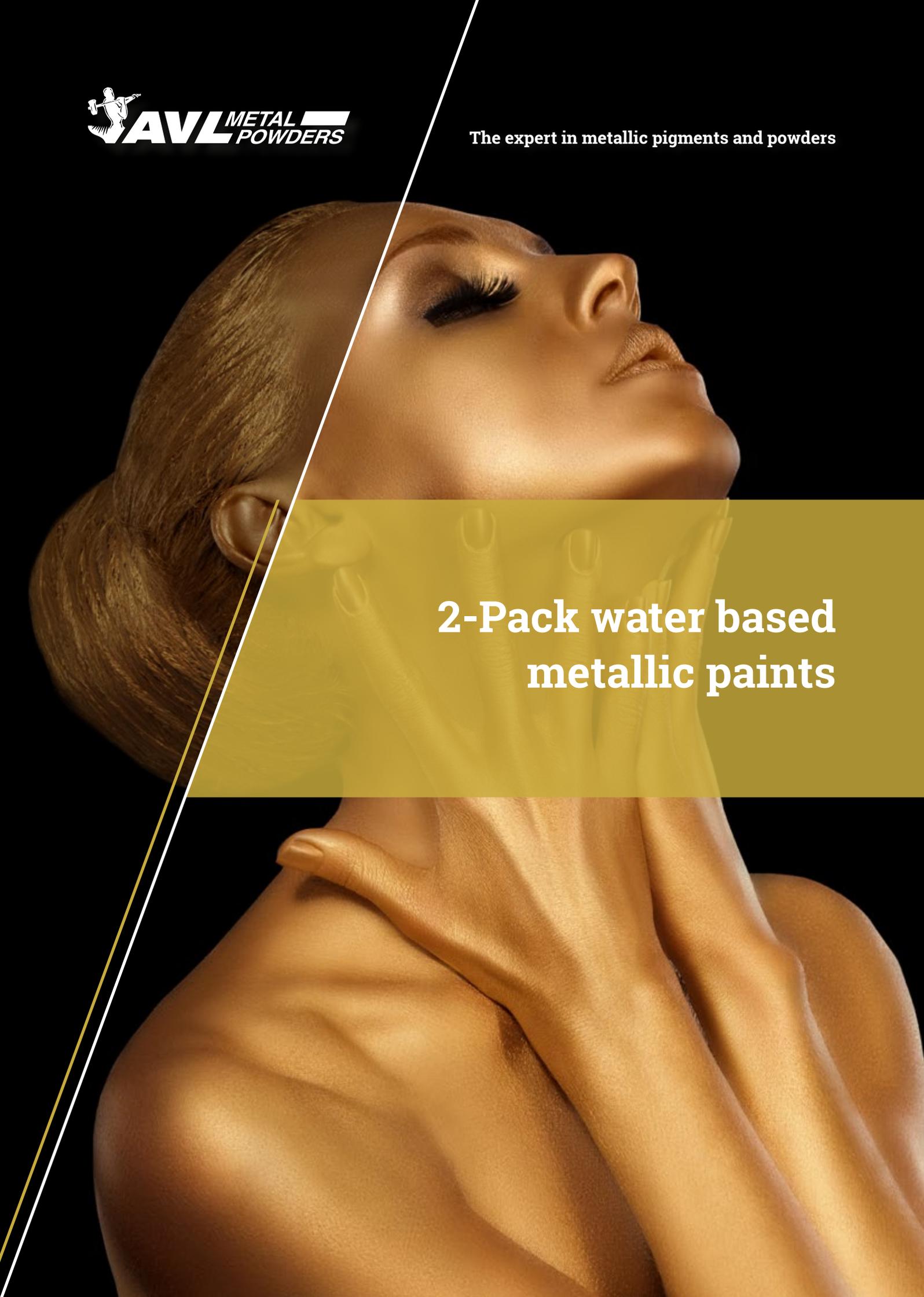




The expert in metallic pigments and powders

A close-up photograph of a woman's face and neck, her skin coated in a shimmering metallic gold pigment. She is looking upwards and to the right. The image is split by a diagonal white line. A semi-transparent yellow-green rectangular area is overlaid on the lower right portion of the image, containing the main text.

2-Pack water based metallic paints



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General Information

The 2-pack water based metallic paint was developed to coat handy craft items and flowers. The paint is applied by immersion as dip paint on various decorative items made of paper, wood, metal, various kinds of plastics, terra cotta. However it can also be applied by spray gun, brush, roller, depending on the surface to be coated. Flexible surfaces will retain their flexibility because of the properties of the binder (vinyl acetate).

The 2 components of this two-pack coating system are the following:

1. Vinylac 50 (component 1)

High gloss concentrate vinyl acetate binder.

2. Aquastab Paste (component 2)

Metallic pigment concentrate, stabilised for water based systems and supplied as a dust-free paste dispersion.

Product Advantages

This water based coating system eliminates the use of hazardous thinners or solvents (like acetone) and offers excellent working properties, combined with high brilliance, good adherence and coating elasticity.

The durability of the metallic effect after application can vary from 3 months to several years, depending on the exposure to the sun, the humidity conditions and the proportion of Vinylac 50 used in the end formulation.

Stability & Storage

When prepared in excess quantities, the dipping bath is re-usable during a period of two weeks after its preparation.

Both components have as separate products a stability of min. 6 months, provided they are stored in their original sealed packaging, away from direct exposure to the sun and at temperatures between + 5° and + 40°C.

Packing

- The Vinylac 50 binder is available in 25 and 1000 kg containers.
- The Aquastab pastes are available in 25 or 50 Kg metal drums.

SDS

Please consult the SDS of both products prior to their handling.

Recommended aquastab metallic pastes to be used with vilylac 50 binder	
Aquastab gold bronze pastes	Aquastab aluminium pastes
2500/PGE8B*/80-20	880/PGE9B*/65-35
36/PGE8B/80-20	880/PM9B**/65-35
2500/PM8B**/80-20	
36/PM8B/80-20	

* pasted in methoxy propoxy propanol

** pasted in methoxypropanol

* pasted in methoxy propoxy propanol

** pasted in methoxy propanol

How to formulate GOLD BRONZE DIP PAINT :			
Handy crafts + Dry flowers		Fresh flower material	
1 part (12,5%)	Aquastab bronze paste	1 part	Aquastab bronze paste
2 parts (25%)	Vinylac 50	2 parts	Vinylac 50
5 parts (62,5%)	Water	5 parts	Water

How to formulate ALUMINIUM DIP PAINT :			
Handy crafts + Dry flowers		Fresh flower material	
1 part (9,09%)	Aquastab Aluminium Paste	1 part	Aquastab Aluminium Paste
2 parts (18,18%)	Vinylac 50	2 parts	Vinylac 50
8 parts (72,73%)	Water	8 parts	Water

PREPARATION

Step 1	Obtain a homogeneous dispersion by mixing 2 parts of water with 1 part of Aquastab Gold Bronze paste.
Step 2	Add 2 parts of Vinylac 50 and mix gently.
Step 3	Add gradually the remaining quantity of water and mix gently , making sure at each step that the dipped item is still sufficiently coated.
<p>"Parts" are to be understood as "parts by weight". Use a stirrer which does not exceed 50 RPM in order to avoid the formation of foam and to obtain an optimal metallic effect.</p>	

Drying Time

Dust dry: 30 minutes, Touch dry: 40 minutes.

Film Forming

In cases where an increased film forming is required (to avoid an early oxidation/tarnishing of the metallic pigments which may occur in extreme humidity conditions) or when an increased rub resistance is required, a higher proportion of Vinylac 50 may have to be added in the formulation.

Difficult Species

95% of all flower and plant species do not require any surface preparation and will be perfectly coated when dipped as such.

Some very resilient species with a water repellent or fatty surface, will require a pre-dipping in a 80° C. water bath or 2 dipping sessions with a 10 minutes interval.