



# VABER INDUSTRIALE S.P.A.

PRODUZIONE ADESIVI E PRODOTTI CHIMICI INDUSTRIALI

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## TECHNICAL DATA SHEET

### VABER AQUAFINISH 1000 Winterproof

#### WATER BASED STONE CHIP PROTECTIVE COATING FROST RESISTANT

Date of release: 21.11.2001

Revision nr: 5 date: 27.07.2010

Approval: R&D

Verified: QMS

#### 1. DESCRIPTION

VABER AQUAFINISH 1000 is a water base sound-damping and stone chip protective coating, designed for automotive applications specifically on trunks, engine compartment, steel spoiler, doors, interior parts, etc. Applied by spray it reproduces the original orange peel finish of the most important vehicles manufacturers.

In comparison with similar products VABER AQUAFINISH 1000 has the following advantages:

- In its original container it resists to prolonged low temperatures ( $-20^{\circ}\text{C}$ ), that may occur during transportation ; though it should not be exposed to frequent frost / defrost cycles. Prior to use, after being frozen for several days, VABER AQUAFINISH 1000 should be reconditioned at  $25^{\circ}\text{C}$  for 48 hours.
- it shows good resistance to UV and weather aggression
- excellent sprayability even with small pins spraying guns ( fine-medium)

#### 2. CHEMICAL AND PHYSICAL CHARACTERISTICS

BASE	: altex polymers, mineral fillers, additives, water	
COLOURS	: black, beige, grey,	
VISCOSITY @ $25^{\circ}\text{C}$	: 12.000 ÷ 142000 mPas	1*
SPECIFIC GRAVITY (black/grey)	: 1,20 ÷ 1,25 g/cm <sup>3</sup>	2*
SPECIFIC GRAVITY (beige)	: 1,15 ÷ 1,18 g/ cm <sup>3</sup>	2
SOLID CONTENT	: 59 ÷ 65 %	3*
TACK FREE TIME @ $25^{\circ}\text{C}$ - R.H. 50%	: 1 ÷ 2 hours	4*
COMPLETE DRYING	: 36 ÷ 48 hours	

PAINTABILITY	: after 24 hours	
QUV TEST	: passes after 1000 hours	5*
SALT SPRAY TEST	: passes after 800 hours	6*
APPLICATION TEMPERATURE	: +15 ÷ +35°C	
It can be thinned with water .		

1\* Vaber Method T-02 (ref. ASTM D2196) ; 2\* Vaber Method T-04 (ref. ASTM D1475)

3\* Vaber Method T-05 (ref. ASTM D2369) ; 4\* Vaber Method T-33 (ref. ASTM D1640)

5\* Vaber Method T-35 (ref. ASTM D4587); 6\* Vaber Method T-34 (ref. ASTM B117) thickness  
400microns on epoxy primer

### 3. APPLICATIONS AND USE

Apply VABER AQUAFINISH 1000 on clean and degreased surfaces.  
Sandblast and apply a proper epoxy antirust primer .

VABER AQUAFINISH 1000 has no adhesion on electro-coated steel

Shake bottle for at least 10 seconds before use.

Apply with air gun VABER L11U/90 or VABER L15 or VABER NO-STOP  
SYSTEM 2000 according to the type of aspect required.

Wait 24 hours before painting

**ATTENTION:** apply at temperatures between 15°C and 35°C. If the product  
has been stored at temperatures between 0°C and +15°C recondition for  
at least 24 hours at 25°C.

If the product has been exposed to temperatures below 0°C recondition  
for at least 48 hours at 25°C.

Do not place treated parts to temperatures < 15°C before complete  
drying and do not apply on frozen surfaces.

### 4. PACKAGING

Available in 1 litre bottles . other packaging upon request

### 5. STORAGE AND SHELF LIFE

VABER AQUAFINISH 1000 stored in its original package, in a dry and well-  
ventilated area, at a temperatures between +10°C and +30°C, has a shelf  
life of 12 months from manufacturing date.

### 6. NOTICE

The above information and our technical indications (both verbal and written or resulting  
from testing), in particular those that regard the applications and uses of our products,  
correspond to our best knowledge and experience; however, they do not constitute our  
warranty relative to final results or our responsibility deriving from any juridical relationship  
whatsoever.

In fact, considering the multiplicity of materials, supports, handling and storage  
conditions, as well as the conditions of production and utilization, the user, in function of  
his specific circumstances of use, must always preventively verify all the information and  
instructions reported above.

No assertion contained in this publication is to be considered authorization or suggestion  
to violate any industrial property rights of third parties.