



Technical data sheet

PROTECTION MADE EASY

Cryltane AC Textur F/D

Description and destination of the product

Cryltane AC Textur F, Cryltane AC Textur D are structure two-pack acrylic polyurethanes with excellent adhesion on steel, aluminium, galvanised surface, stainless steel, polyester, PVC, etc.

Cryltane AC Textur F has a very fine structure thanks to its very fine inert grain. **Cryltane AC Textur D** has a medium-sized to coarse structure. The product has a mat gloss and the structure grain gives a very good scratch resistance.

Remark

For outside and inside applications with increased aggressivity, the surface must always be treated first with a primer Cryltane AC VHA 006.

Type of binder

Hydroxy acrylic and aliphatic isocyanate. The product can therefore be used as finishing coat (resists to UV-light, colour and gloss retention).

Type of pigment

Zinc phosphate, barium sulphate, magnesium silicate, outdoor resistant pigments (leadfree) and inert structure grain.

Colour

Colourless, RAL colours (except for metallic and fluorescent colours), NCS, British Standard, colour cards TVT 600 and NOVA 720, by Tematic Dispenser.

Gloss

20 % (\pm 5) Gardner 60° (depending on layer thickness and surface).

Technical data

- **Density:** 1.3 – 1.5 g/cm³ (*)
- **Solids content:** 59 (± 3) % in volume (*)
73 (± 3) % in weight (*)
- **Mixing ratio:** 8/1 in volume
Mixing errors result in deviating properties and differences in gloss. Therefore we advise to mix the complete contents of base paint and hardener.
- **Potlife:** ± 5 hours at 20°C
- **VOC:** < 390 g/L
- Indicative drying times (R.H. 75%) for 60 micron layer thickness:

	Dustdry	Tackfree	Dry
10°C	40 minutes	5 hours	1 day
20°C	30 minutes	3 hours	12 hours
30°C	30 minutes	3 hours	8 hours

- **Theoretical yield:** ± 9.8 m²/L for 60 microns (*)
The practical yield can largely be influenced by the roughness and porosity of the substrate, the applied layer thickness or the losses by airless application.
(*) depending on the colour

Surface preparation

The surface must be free of rust, dirt, dust, grease and salts in order to obtain a good adhesion. In order to avoid problems of interlayer adherence, it is recommended to apply the following coat within 3 days. If this isn't possible, the previous coat has to be roughened up and cleaned before being painted.

For outside and inside applications with increased aggressivity, the substrate (galva, alu, metal,...) must always first be treated with a primer **Cryltane AC VHA 006** in order to ensure a good anticorrosive effect.

Use

Mix base and hardener for DTS20/40 (mixing ratio: 8/1 in volume).
Mixing errors result in deviating properties and differences in gloss. Therefore we advise to mix the complete contents of base paint and hardener.

Cryltane AC Textur F and **Cryltane AC Textur D** can be applied by brush, roller, pneumatic or airless sprayer

	% Dilution	Thinner	Pressure (bar)	Nozzle
Brush	0-10 %	Thinner 1	-	-
Roller	0-10 %	Thinner 1	-	-
Pneumatic gun	5 – 20 %	Solvatane	3 – 5 bar	1.2 – 1.5 mm
Airless gun	0 – 10 %	Solvatane	100 – 300 bar	0.017 – 0.024

At extreme temperatures, humidity circumstances or air stream, **Thinner 1** is recommended for airless gun application.

Application conditions

The relative humidity should be no higher than 85 % and during application, the temperature of the surface must be at least 8°C and 3°C higher than dew point. Temperature and relative humidity should be measured as closely as possible to the object to be painted.

Storage stability

For the base paint : minimum 2 years in the original, unopened packing, stored in a dry environment at temperatures

between -10°C up to +40°C.

for the hardener : Minimum 18 months in the original, unopened packing, stored in a dry environment at temperatures

between -10°C up to +40°C.

Safety measure

For detailed information about safety measures, personal protection and transport data of this product, we refer to the safety data sheet.

The last update of our technical data sheets is always available at our website: www.libertpaints.be

Disclaimer

The information given in this technical data sheet is only a general product description, based on our experiences and tests and therefore does not represent a specific practical case. Consequently Libert Paints doesn't guarantee the functionality or result and takes no responsibility in this respect.

We advise our clients to test the applicability of the product to the nature and the state of the surfaces and to carry out the necessary representative tests in case of doubt. Please contact our R&D department as the occasion arises.

Attention: our clients should verify whether the present technical data sheet hasn't been replaced by a more recent version.