Technical data sheet

PROTECTION MADE EASY

Mixtane Textur F/M/D/C

Description and destination of the product

Mixtane Textur F/M/D/C is a two-pack acrylic performing polyurethane lacquer with eminent qualities. Although these products cure by the surrounding temperature, they surpass the quality of stoving enamels in several points.
Some outstanding properties of **Mixtane Textur F/M/D/C** are :

- light stability
- gloss stability
- colour stability
- thermal stability
- chemical resistance
- hardness, elasticity and abrasion resistance
- corrosion resistance
- adherence
- fast air drying
- easy to spray

Thanks to the presence of an inert grain, the following structure effects can be obtained:

- **Mixtane Textur F**: ***Mixtane*** with very fine structure
- **Mixtane Textur M: *Mixtane*** with medium structure
- **Mixtane Textur D: *Mixtane*** with coarse structure.
- **Mixtane Textur C: *Mixtane*** with medium structure.

Mixtane Textur F/M/D/C is therefore used as a high quality finish coat for machines, furniture, synthetic materials (PVC windows, PVC gates, ...), ...

Mixtane can be used as finishing coat on powder coatings.

- Good adherence can be obtained on wax free epoxy-, epoxy polyester- and polyester powders from the type Oxyplast. Conditions to obtain a good adherence on such powders are:
  - a pure surface
  - a correctly cured powder surface.

  Impurities should be removed with a suitable degreasing or dusting depending on the nature of the contamination. Precipitates of smoke gasses on the baked powder can also result into adherence problems.

LIBERT PAINTS bv | Langerbruggekaai 6 | 9000 Gent | T: +32 (0)9 216 88 70 | F: +32 (0)9 226 61 81
info@libertpaints.com | www.libertpaints.com

- After cleaning the surface must be thoroughly roughened up with Scotch-brite and must be etched with ***Powdersoft*** before spraying with **Mixtane F/M/D/C.**
- **Mixtane on precoated surfaces**
  Mixtane can be applied directly on precoated gate panels when the coating on the panels is recoatable with polyurethane coatings. The following preparation must be made:
  1. Roughen up the precoating with Scotch-Brite
  2. Etch slightly with ***Powdersoft***

  Both treatments are necessary to ensure a good adhesion of the applied ***Mixtane***.

Type of binder

Polyurethane polymer consisting of an hycroxyacrylate resin and a polyfunctional aliphatic polyisocyanate.

Type of pigment

Light stable organic or inorganic colour pigments

Colour

All RAL-shades can be obtained with the exception of luminescent and metal paints). Other colours can be obtained on request.

View

Mixtane Textur F: mat fine structure
Mixtane Textur M: medium structure
Mixtane Textur D: mat coarse structure
Mixtane Textur C : medium structure

Technical data

- **Density**: 1.020-1.330 (depending on colour)
- **Solids content:** 51-55 % in volume (depending on colour)
- **Potlife:** 6 hours (non diluted)
  (20°C) 12 hours (spraying viscosity)
  Remark:
  - depends of the temperature and the final viscosicty of the paint. The viscosity of non diluted **Mixtane Textur F/M/D/C** is higher compared to **Mixtane Textur F/M/D/C**, which is diluted directly after mixing up to spray viscosity.
  - At higher temperatures, the potlife is shorter, at lower temperatures, the potlife is longer.
- **Drying times:** (20°C – 40 micron)

dustfree	:	after 15 minutes
tackfree	:	after 2 hours
hard	:	after 24 hours
full resistance	:	after 4 days

LIBERT PAINTS bv | Langerbruggekaai 6 | 9000 Gent | T: +32 (0)9 216 88 70 | F: +32 (0)9 226 61 81
info@libertpaints.com | www.libertpaints.com

- **Accelerated drying:** 30' : 80°C
  20' : 100°C
  15' : 120°C
  10' : 140°C
  6' : 160°C
- **VOC:** **Mixtane Textur F and D** – 60/40 BNK4
  Non diluted: < 435 g/L
  Diluted: < 495 g/L
  (10-14 % with ***Solvatane*** (depending of the colour) up to viscosity 30 sec (DIN 4-20°C)
  Mixtane M/C – (70/40 BNK4)
  Non diluted: < 430 g/l
  Diluted (10-14 % with ***Solvatane*** (depending of the colour) to viscosity 30 sec (DIN 4-20°C): < 490 g/L
- **Theoretical yield:** 10-12 m²/kg depending on the colour
  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.

Surface preparation

Mixtane Textur F/M/D/C adheres directly on hard PVC (after etching with PVC-degreaser). For optimal protection or adherence on other surfaces the use of primers is advised. As adherence and anticorrosion primer on steel, aluminium, galvanised steel and stainless steel, ***Cryltane DTS 20*** or ***Libert Adherence Promotor*** is advised. On concrete and other mineral surfaces, ***Cryltane CF Impregnation*** is most suited.
Mixtane Textur F/M/D/C can also be used as finishing coating in one- or two-pack polyurethane systems and as finishing coat in two-pack epoxy systems.

Use

The **Mixtane Textur F/M/D/C** base is mixed with the hardener before application.
Mixtane Textur F/M/D/C is applied by air spray. It is important that the paint is sprayed with a fine broad spray so that a uniform coating is obtained.
Spray viscosity : ± 30" CF4 at 20°C
Thinner : ***Solvatane***
Clean the equipment with ***Solvatane***.

Storage stability

Minimum 2 years in the original, unopened packing, stored in a dry environment at temperatures between –20°C and +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.com***

Disclaimer

LIBERT PAINTS bv | Langerbruggekaai 6 | 9000 Gent | T: +32 (0)9 216 88 70 | F: +32 (0)9 226 61 81
info@libertpaints.com | www.libertpaints.com

How do you reach the different textures with Mixtane ?

			Mixing ratio (in weight)
Mixtane Textur F	Textur fine	40 parts by weight base in colour 20 parts by weight base Textur F colourless **40 parts by weight hardener BNK 4**	3/2 BNK4
Mixtane Textur D	Textur coarse	40 parts by weight base in colour 20 parts by weight base Textur D colourless **40 parts by weight hardener BNK 4**	3/2 BNK4
Mixtane Textur M	Textur medium	50 parts by weight base in colour 10 parts by weight base colourless mat 22 10 parts by weight Medium Beads **40 parts by weight hardener BNK 4** **!! For 100 g paint: 64 g base / 36 g hardener BNK4**	3.5/2 BNK4
Mixtane Textur C	Textur medium		3.5/2 BNK4

LIBERT PAINTS bv | Langerbruggekaai 6 | 9000 Gent | T: +32 (0)9 216 88 70 | F: +32 (0)9 226 61 81
info@libertpaints.com | www.libertpaints.com