

CHARACTERISTICS Vinyl modified in tinting system, thixotropic primer / coating. One component, lead- and chromates-free vinyl paint, matt coat with excellent adhesion to zinc and aluminium substrates, flexible and mechanically resistant, resistant to urban and industrial atmosphere, resistant to intermittent action of water.

PRODUCT USE

For direct painting of:

- galvanised steel, zinc and aluminium sheets exploited in atmospheric conditions e.g. roofs, window sills, drainpipes, wire fences etc.
- ceramic tiles and wall plasters,

For maintenance painting over old vinyl and acrylic coatings.
For sealing of zinc and aluminium thermally sprayed coatings.

PROPERTIES	Density (about), g/cm ³	1,3
	Flash point, °C	23
	Typical dry film thickness*, µm	60
	Typical wet film thickness, µm	125
	Theoretical coverage at 50 µm, dm ³ /m ²	0,13
	Volume solids (about), % vol.	48
	Recommended number of coats	1-3
	VOC, g/dm ³	480

Given data may vary slightly for different colours as well as due to normal manufacturing tolerances.

COLOUR The paint is included in the Teknomix tinting system.

SURFACE PREPARATION

- Not stabilized hot dip galvanized steel surfaces and aluminium surfaces should be tarnish with non-metallic abrasive. All contamination e.g. oil, grease, fluxing agent, etc. should be removed. Galvanised steel should be contaminant-free.
 - Stabilized hot dip galvanized steel surfaces should be without any products of zinc corrosion (white rust free) and without any contaminants. For cleaning hot water under pressure, steam, abrasives or manual mechanic tool cleaning can be used. The surfaces for painting should be dry, dust-, grease- and salt-free.
 - Thermally sprayed galvanized and aluminium surfaces should be dry and primed immediately with thin layer of diluted paint Damax[®] PS. The surface for painting should be dry, dust-, grease-, and salt-free.
 - Old, good adherent vinyl or acrylic coatings degreased and free from other contaminants, dry. It is recommended to wash all surface with water with addition of Oliclean 123, and next rinse with clean water.
 - Ceramic tiles and wall plaster degreased and free from other contaminants, primed with DAMAX[®] PS thinned with 20 - 30 % of the thinner 779
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APPLICATION METHODS

Airless spray, brush, roller, air spray. In order to reach recommended film thickness in one coat airless spray must be used.

Airless spray parameter:

Nozzle size	0,38 - 0,48 mm
Nozzle pressure	10 - 15 MPa

THINNING

Not recommended. When necessary (for example – thickening product) use Thinner 779 (see Technical Information).
For cleaning tools: Thinner 779.

APPLICATION CONDITIONS**Application conditions:**

- minimum surface temperature: -10°C (surface frost- and ice-free) and at least 3 °C higher than dew point temperature,
- good ventilation.

Drying time (in 20°C):

- dust dry - 1 h,
- touch dry - 4 h.

Overcoating intervals:

temperature	20°C
minimum	12 h
maximum	unlimited

Given times relate to the recommended coating thickness, drying in good ventilation conditions. These times may change with a change of temperature, ventilation, number of layers and the thickness of the coating.

ADDITIONAL INFORMATION

Depending on application and type of construction other thickness of a single layer can be assumed instead of recommended. Typical dry film thickness range using airless spray is from 50 to 80 microns. Changing the thickness of the coating changes the theoretical consumption, wet film thickness, weight of dry coating, drying time, time of recoating and finishing work.

SHELF LIFE

The storage stability is shown on the label. Store in cool place and tightly closed can.

CAUTION!

During application and drying of the coating flammable and health threatening substances are emitted. It is important to avoid inhaling the fumes of the product and contact with the eyes and skin. Use only in well ventilated rooms. Detailed information on dangerous substances contained in the products and threats connected with them are included in the specification cards of the dangerous substances, which we make available at the Customers' request.

The information of this data sheet is normative, based on laboratory tests and our experience. It is available for our Customers' convenience. We accept however, no liability for the actual application work, as this is to great extend dependent on the conditions during handling and application. We accept no liability for any damage from misapplication of the product. The technical terms in the instruction are explained at the beginning of the catalogue. We reserve the right to include changes in the instruction without prior notice.