

**CHARACTERISTICS**

High solid epoxy paint, thixotropic, cured with amines, two component: I component symbol 7459-460-XX0, component II symbol 7459-460-000. Hard coating with good adhesion to surfaces. Coating resistant to water, salt and alkali solutions, oil, fuel oil, heating oil, diesel, motor gasoline, ethyl gasoline, unleaded petrol, biofuel, aviation fuel, glycol, glycerine and xylene. Coating has antielectrostatic properties. Volume resistivity of the coating is lower than  $10^8 \Omega$  at recommended film thickness. Coating fulfils requirements according to PN-92/E-05200 and TRbF 401 standards. When exposed to sun radiation, the tint of the coating may change without impairing the antielectrostatic properties.

**PRODUCT USE****For protection of:**

- inside linings of tanks, cisterns and piping installations for liquid fuels and flammable liquids
- steel constructions operating in corrosion aggressive environment, where antielectrostatic properties are required.

**PROPERTIES**

Density (approx.), g/cm <sup>3</sup>	1,4
Flash point, °C	26
Typical dry film thickness, µm	150
Typical wet film thickness, µm	210
Theoretical coverage at 100µm, dm <sup>3</sup> /m <sup>2</sup>	0,21
Volume solids (about), % vol.	72
Recommended number of coats	2 - 3
Volatile Organic Compounds, g/dm <sup>3</sup>	240

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

**COLOUR**

290 brown                      920 steel

**SURFACE PREPARATION**

- Before cleaning of surface, it is recommended to wash it with water with addition of OLICLEAN 123 and then rinse with fresh water.
- Steel surface dry, salt- and grease-free, cleaned to the degree of cleanliness according to PN-ISO 8501-1, at least Sa 2½ ; prepared surface roughness Rz at I50-75 microns.
- EPINOX<sup>®</sup>60 surface dry, rust-, salt-, grease- and dust-free.

**PAINT PREPARATION**

Stir thoroughly component I, mix with component II according to the following mixing proportions:

	by weight	by volume
component I	100	100
component II	20	27

Mix thoroughly components before use.  
Minimum temperature of the paint: 15°C.  
Pot life in 20°C - 2 h

**APPLICATION METHODS**

Airless spray (brush – only for small surfaces). When using a brush it may be necessary to dilute paint (3% of thinner 779) and apply several layers to achieve recommended coating thickness.

Airless spray parameter:

Nozzle size	0,48 - 0,68 mm
Nozzle pressure	20 - 30 MPa

**THINNING**

Not required.

When necessary (for example – thickening of product) use Thinner 779 (see Technical Information).

For cleaning tools: Thinner 564.

**APPLICATION CONDITIONS****Application and curing conditions:**

- minimum surface temperature: +5°C and at least 3°C higher than dew point,
- relative air humidity below 85%,
- good ventilation.

**Drying time (in 20°C):**

dust dry	- 6 h
touch dry	- 12 h

**Overcoating intervals:**

temperature	30°C	20°C	10°C
minimum	6h	12h	24h
maximum	24h	48h	96h

Given indications relates to the recommended coating thickness, drying in good ventilation conditions. Overcoating times may be different with a change of temperature, ventilation, number of layers and the thickness of the coating.

**Full cure:**

temperature	30°C	20°C	10°C
days	4	7	15

**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 150 to 250 µm. Changing the thickness of the coating changes the theoretical consumption, 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 in tightly closed can.

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**CAUTION!**

During application and drying of the coating flammable and harmful substances are emitted. It is important not to inhale the fumes of the product and to avoid contact with the eyes and skin. Use only in well ventilated rooms. Detailed information about dangerous substances in the products and threats are included in the safety data sheet, which are available at the Customers' request.

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*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.*