

TEMABLAST EV 110

DESCRIPTION

Two component, iron oxide pigmented epoxy shopprimer.

PRODUCT FEATURES AND RECOMMENDED USES Used for the protection of blast cleaned steel during storage, fabrication and construction.

 Does not cause any harm during welding, cutting and burning or other treating of the steel.

TECHNICAL DATA

Volume solids $27 \pm 2 \%$. (ISO 3233)

Weight solids $48 \pm 2 \%$.

Specific gravity 1.2 kg / I (mixed)

Mixing ratio and
product codesBase2 parts by volume008 79201 part by volume008 7929

Pot life 24 hours (23 °C / 74 °F)

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
20 μm	75 µm	13.5 m ² /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Drying time

DFT 20 µm	+ 10 °C	+ 23 °C	+ 35 °C
Touch dry	6 min	3 - 5 min	1 min
Recoatable	36 h	24 h	12 h

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Finish Matt.

Colours Red.

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APPLICATION DETAILS

Surface preparation Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4)

<u>Steel surfaces:</u> Blast clean to grade Sa2½. (ISO 8501-1) If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.

Finish Any type of paint with the exception of zinc rich paints. When selecting finishing coat

for the shop primed surface, take into account the attack for which the object will be

exposed. (SFS 8145)

Application conditions All surfaces must be dry. The temperature of the ambient air, surface or paint should

not fall below + 10 °C / 50 °F during application or drying. Relative humidity should not exceed 80 %. The surface temperature of the steel should remain at least 3 °C / 38 °F

above the dew point.

Mixing components First stir base and hardener separately. The correct proportions of base and hardener

must be mixed thoroughly before use. Use a mechanical agitator for mixing.

Application By spray. If necessary, the paint can be thinned 0 - 5 % to a viscosity of 16 - 18 s

DIN 4/20 °C. Airless spray nozzle tip 0.011" - 0.018", spray angle shall be chosen

according to the shape of the object.

Thinner Thinner 1031.

Cleaning of equipment Thinner 1031.

VOC The Volatile Organic Compounds amount to 600 ± 20 g/litre of paint.

HEALTH AND SAFETY Containers are provided with safety labels, which should be observed. Further

information about hazardous influences and protection are detailed in individual health

and safety data sheets.

A health and safety data sheet is available on request from Tikkurila Coatings Oy.

For professional use only.

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