

PROTECT E 2k Zn 80

Product description

Protect E 2k Zn 80 is two component epoxy primer with high content of Zn powder.

Purpose of the product

Product is to be used as primer in steel surfaces protection systems in conditions of high corrosion and allows a great corrosion resistance and cathodic protection. It is recommended for protection in conditions of industry and sea exposure. It is to be applied only on sand blasted areas.

Technical data

Viscosity (mixture A+B):	min 40sec F/4/20°C
Mass density (mixture A+B):	2.50-2.70 g/cm ³
Colours:	grey
Volume solids:	58.3 %
Dry film thickness:	40-60 µm
Theoretical spreading rate:	5,6m ² /kg for 40 µm
Curing time, at t=20° C, rh=80%	
on dust :	30 min
on touch:	2 h
for overcoating:	8 h
full cure:	12 h/7 days
Pot life:	6h

Surface preparation

A surface has to be prepared by sand blasting up to purity grade Sa 2.5 according to ISO 12944-4.

Before application, a surface must be freed from dust, grease and must be dry.



TECHNICAL DATA SHEET

Application data

Mixing ratio by weight:

base	100
catalyst	10

Thinner:

ThinnerE(0-10%)

Conversion factor, wet/dry film:1.72

Application:by brush, by roller, by air spray
and airless spray: nozzle diameter 0.019-0.021''
nozzle pressure 140-180 bar

Application conditions: atmosphere temperature +5 to +35° C
substrate temperature min. 3°C above dew point
r.h. = max 80 %

Overcoating interval :	min.	8 h
	max.	unlimited

Storage

Separated components for 2 years in the original packing in cool and dry place at 25°C.

Safety precautions

Safety at work and fire protection are obligatory during the handling with this product. It is necessary to abide to instructions and safety data sheets of the manufacturer.

The technical data are given in order to optimally use the product.
For all necessary information, contact the manufacturer.

Producer: CHIARA d.o.o. Brčko distrikt BiH, Bescarinska zona bb,
Tel: 049 240 400, fax: 049 240 401, 049 240 415, e:mail : info@chiara.ba , web site: www.chiara.ba