

TECHNICAL GUIDE

SURFACE

STELL

Shot blast steel with Sa 2½ degree abrasive blasting according to ISO 8501-1. Roughness profile should be 50 – 70 µm. Remove dust and abrasive residues from the surface. Ensure that the salt content is such that the conductivity is less than 30 µS. **Important:** Do not leave the steel pickled and/or unprotected overnight.

CONCRETE

The concrete should have a minimum curing time of 28 days, a minimum tensile strength of 1.5 N/mm² and a minimum compressive strength of 25 N/mm². The System containing C-Pox TL735 NCA should be applied to clean, dry surfaces without mortar, oil, grease or other contaminants and with sufficient roughness. Mechanical preparation with a multi-purpose diamond disc machine, sandblasting machine or abrasive blasting is recommended. Substrate moisture depth (with Tramex type meter) should not exceed 4%. CIN-CS Moisture Barrier 2000 or Cromodrol Sealer should not be applied on concrete supports subjected to hydrostatic back pressure except when applied over CIN-CS Moisture Barrier 2000 or Cromodrol Sealer.

APPLICATION

■ Add the hardener to the main component and mix with a mechanical mixer for 5 minutes. Do not make partial mixtures, use the entire contents of the container. After mixing, dilute as recommended. Good ventilation should be provided in enclosed areas to allow the solvent to evaporate during application and drying.

■ Environmental conditions of application and drying:

■ Air Temperature: 5 – 45 °C

■ Relative humidity 20 – 85 %

■ Minimum surface temperature: 3 °C above dew point

CONVENTIONAL SPRAY

■ Nozzle diameter: 1.78 – 2.18 mm

■ Air pressure 3.5 – 5.3 kg/cm²

■ Paint pressure 1.7 – 3.5 kg/cm² Thinning 5 – 10 %

AIRLESS SPRAY

■ Nozzle diameter: 0.43 – 0.58 mm

■ Compression ratio: 65 : 1

■ Working pressure: 150 – 170 kg/cm² Thinning 5 – 10 %

BRUSH/ROLLER

Recommended for patches, sharp edges and areas where roll welding is carried out.

Thinning: 5 % | Thinner: C-Pox Thinner, Cleaning thinner: C-Pox Thinner

CERTIFICATES AND HOMOLOGATIONS

C-Pox TL735 NCA is classified as class IIIA, IIIB and V liquid according to UNE 48307 (type I product).

C-Pox TL 735 NCA complies with Standart EI1541.

Mode of Supply

Resin 12 L – Cure 8L

Shelf life

In unopened original packaging : Resin 2 years, Cure 2 years in a closed environment between 5 and 40 C.