



# CL 9410 EPOXY HIGH BUILD AMINE ADDUCT

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## Product Description

**CL 9410 Epoxy High Build Amine Adduct** is a two component high build chemically resistant amine adduct cured epoxy coating.

**CL 9410** is designed to provide an internal tank lining suitable for use with wide spectrum of chemicals.

**CL 9410** is a non toxic chemical resistant finish coat in the food and chemical industries. It suitable for use in contact with potable water. **CL9410** is an anti-corrosive build coat for steel structural in mild to aggressive environments. It also suitable for application on concrete for chemical resistant floorings.

## Surface Preparation

### Steel

Remove all wax, oil and grease by solvent cleaning in accordance with the guidelines given by SSPC-SP1.

Abrasive blast clean to a minimum standard of Sa2.5 (ISO8501-1:1988) or SSPC-SP10.

Average surface profile of 50-75 microns is required.

Ensure surfaces to be coated must be clean and dry and free from all visible traces of surface contaminants.

## Performance

- Easy application property
- Excellent resistance to moisture.
- Excellent resistance to mild chemicals
- Easy application with simple mixing and application procedures.
- Hygienic – impervious finish provides easily cleaned surface.
- Suitable for contact with food and potable water.

## Physical Properties

Volume Solids	56 %
Theoretical Coverage	4.48 m <sup>2</sup> /litre @ 125 microns DFT
Type	Two components
Packing Ratio	3.75 litres Base : 1.25 litres Hardener
Colour Availability	White and limited colour range.
Recommended Thickness	125 microns DFT

## Application Data

Application Methods      Airless or conventional spray. Brush may be used for smaller area.

Mixing ratio (by volume)      3 parts Base to 1 part Additive

Thinner      Standard Thinner (Maximum 20% addition)

Airless Spray      Nozzle Size : 0.43-0.53mm (17-21 thou)  
Fan Angle : 65°  
Operating Pressure : 110-160 kg/cm<sup>2</sup> (1600-2300 psi)

Conventional Spray      Nozzle Size : 1.27mm (50 thou)  
Atomising Pressure : 2.8 kg/cm<sup>2</sup> (40 psi)  
Fluid Pressure : 0.4 kg/cm<sup>2</sup> (6 psi)

Brush / Roller      This product is suitable for brush application. Application of more than one coat may be necessary to give equivalent dry film thickness to a single spray applied coat.



## Application

	Airless Spray	Conventional Spray	Brush	Roller
Dry	125	125	50	60
Wet	223	223	89	107

## HEALTH AND SAFETY

Consult Chemical Safety Data Sheet for information on safe handling and application of this product.



Keep seal tight



Secure upright



Wear proper  
protection



Practice proper  
disposal

### **Application Conditions and Overcoating**

This product should preferably be applied at temperature in excess of 10°C. In conditions of high relative humidity i.e. 80-85%, good ventilation conditions are essential. Substrate temperature should be at least 3°C above the dew point.

At application temperature below 10°C, drying and curing time will be significantly impaired.

**Application at temperature below 5°C is not recommended.**

In order to achieve optimum water and chemical resistance, temperature needs to be maintained above 10°C during curing.