

# ADCOcure 212

Concrete curing compound-based  
on petroleum resin Type One or  
Type Two

ADCO  
Construction-  
and Mining  
Chemicals

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technical data sheet

## DESCRIPTION

ADCOcure 212 is formulated as a high-grade petroleum resin dissolved in quick-drying solvents in liquid form, applied onto freshly finished or de-moulded concrete surfaces to prevent evaporation loss of water and thereby enhances the hydration reaction of the cement constituent in the concrete mix. The product is supplied as a *Type One* (clear / amber) or *Type Two* (white pigmented) liquid. ADCOcure 212 renders a high curing efficiency, especially in high ambient temperature conditions.

## APPLICATION

ADCOcure 212 is applied by spray or brush as supplied (no dilution required). It is important to install the product as soon as practically possible after completion of the steel troweling / power floating or removal of formwork. Surfaces to receive the curing compound shall be free from ponding water. The correct application rate is 7 – 8 m<sup>2</sup> per litre. Mixing prior to application is advised, specifically if the product has been stored for an extended period of time.

Where subsequent surface coatings or finishes need to be installed to concrete members of which the surfaces were cured with ADCOcure 212, it is important to consider the film breakdown process. This process can extend up to 6 months depending on application rates and site conditions; we advise to consult our Technical Department for further information. When using the Type Two white-pigmented product, yellowing will occur before complete film breakdown.

ADCOcure 212 is specifically suitable as curing compound to surfaces where a metallic hardener has been incorporated.

## PROPERTIES

Colour	<i>Type One</i> – clear / amber <i>Type Two</i> – white
Colour	<i>Type One</i> – 0.93 g/cm <sup>3</sup> <i>Type Two</i> – 1.17 g/cm <sup>3</sup>
Packaging	5 litre, 25 litre or 200 litre containers
Shelf life	18 months from date of manufacture if stored at uniform temperature (5°C - 25°C)
Flash point	49°C (Abel closed cup)
Toxicity	Moderate

## QUALITY ASSURANCE

Our manufacturing and testing procedures comply with relevant standards.

## COMPLIANCE

Specification literature : ASTM C309-03, 'Standard specifications for liquid membrane-forming compounds for curing concrete.'

## SAFETY

Standard protective measures such as wearing gloves and goggles are recommended.

ADCOcure 212 is combustible, hence do not use the product near open flames and ensure correct storage conditions.

Remember : Keep away from children, handle responsibly and consider the environment.

## UPDATE

May 2017.

This supercedes all previous documentation.