

# TEKNICAST ULTRA

Sprayable, UV detectable liquid release wax - BCA (C&A) Category 7

## DESCRIPTION

**TEKNICAST ULTRA** is a very special blend of carriers and non crystalline waxes with the added benefit of a UV DYE. It has been designed for the Pre-Cast industry to ensure a superior release and a surface finish for all types of architectural concrete whether using grey or white cement. The inclusion of a UV dye allows checking of moulds once sprayed for any misses that may have occurred with a simple hand held UV light, these misses can then be treated.

**TEKNICAST ULTRA** should be used in casting situations requiring a very high quality finish with a smooth, homogeneous and bubble-free surface. Can be applied to all types of mould surfaces including metal, varnished or untreated wood, GRP, polyester or polystyrene, and mould liner systems.

## ADVANTAGES

- It is a suspension and sediment free, highly mobile liquid, which can be used in very fine sprays without clogging the jets. Retains its mobility and does not solidify even at low temperatures.
- There is no unpleasant odour, even when using a fine mist spray.
- Very economic coverage rates can be obtained without difficulty.
- Inclusion of a UV Dye allow visual confirmation of complete coverage with no misses.
- May be used to achieve high quality surface finishes to concrete.
- Can be used with either grey or white cement.
- UV Dye will degrade over time, so no permanent marking occurs

## PROPERTIES

Appearance:	Clear Amber Fluid
Density @ 20°C:	0.820 typical
Viscosity @ 20°C:	2.5c/st typical
Flash Point:	70°C
Freezing Point:	<0°C
Storage Life:	5 Years stored in sealed drums

## COVERAGE

30m<sup>2</sup>/litre dependent on type of form, porosity, texture of surface and ambient temperature.

## Norsekem Limited

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## APPLICATION

**TEKNICAST ULTRA** is ready for use and should not be diluted. It should be applied as thinly and evenly as possible for optimum performance onto clean and dry surfaces

It can be applied to all types of formwork by spray, or absorbent applicator. Any excess should be mopped up. For the best and most economical performance, application by mist spray is recommended. Excellent results can be obtained using a Gloria 410RT Sprayer with an 8001 or 80056 tip fitted. **Once applied please allow 20 minutes drying time before pouring concrete. Check for complete coverage by use of a UV lamp.**

Many new forms are not factory treated with release agents, so for new or 'unsealed' timber formwork, pre-treatment is essential with two coats prior to use. This will extend the useful life of the form and help to standardise surface absorbency.

## STORAGE & HANDLING

**TEKNICAST ULTRA** in manufacturer's sealed drums requires no special storage facilities Material should be applied in well ventilated areas.

Keep away from naked flames, electrical equipment, foodstuffs and children

## HEALTH & SAFETY

Refer to separate material safety data sheet. Copies available by request

## PACKAGING & TRANSPORT

Supplied in 1000ltr IBC, 200ltr, 25ltr. Not Regulated for Road Transport

## QUALITY ASSURANCE

Norsekem Limited Products are manufactured under quality assured schemes

Norsekem Limited products are guaranteed against defective materials and manufacture. Products are sold subject to the Norsekem Limited Terms and Conditions of Sale, copies of which are available on request. Norsekem Limited endeavors to ensure that the above data and any further advice is correct, Norsekem Limited can not accept liability for the use to which products are put or the way in which they are used. All recommendations stated by the company are made in good faith. Recommendations do not over-ride the basic obligation of the user to satisfy themselves at all times as to suitability of the product for their particular application.

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