

Product Specification		
Product :	EC 2CTX top coat	
Description :	Transparent top coat for EC 2CTX base coat	
Characteristic	Typical values	Test Method
Compound specifications		
Appearance	Colourless turbid viscous liquid	Visual
Viscosity (20°C)	4000 – 6000 cps 2000 – 4000 cps	Brookfield RVT, spindle 5/100 rpm Brookfield RVT, spindle 5/20 rpm
Density (20°C)	0,82 g/cm ³ ± 0,05	Pyknometer
pH (20°C – 10% in water)	Not applicable – solvent based	pH meter
Active matter	34 % ± 1 %	Mettler Toledo automatic moisture analyzer
VOC content	Max. 590 g/l (is within limits according to EU regulations 600 g/l in 2007)	
Odour	White spirit	Normal perception

Disclaimer:

EcoChem / Chemresult shall have no responsibility or liability for any claims resulting from the use and application of this product. The data contained in this document are guidelines for the use and application of the product, which are based on our experience and knowledge. For these guidelines, we cannot be held responsible or liable.

The company applying the coating is responsible for providing the product's application certificate.

Product Information	
Product :	EC 2CTX top coat
Description :	Transparent top coat for EC 2CTX base coat
General information	<p>EC 2CTX top coat is a protective layer for the EC 2CTX base coat against humidity and mechanical impact. EC 2CTX top coat is a transparent finish for EC 2CTX base coat.</p> <p>EC 2CTX top coat film properties: colourless matt.</p>
Fire retardant system :	EC 2CTX top coat is a transparent melamine based coating.
Usage : <i>Only in combination with EC 2CTX base coat</i> Interior timber / wood surfaces	EC 2CTX top coat can only be used in interior areas with no contact risks and appropriate humidity conditions.
Application information :	<p>The surface must be free from dust, grease, wax and resins.</p> <p>EC 2CTX top coat can be applied by brush, spraying (conventional or airless) or roller. Dilution is not recommended. Add on 50 µ wet (=40 g/m² wet).</p> <p>Drying temperature 15 – 30 °C with RH < 70 %. Touch -dry in approx. 4 hours (20°C / 60% Relative Humidity), fully dry in 24 hours. If the working area is not well ventilated, the drying time will be significantly longer.</p> <p>EC 2CTX top coat is thixotropic, stir well before using. Clean tools and surfaces with white spirit.</p> <p>EC 2CTX top coat can be applied 48h after EC 2CTX base coat for improved surface properties, including short term protection against humidity and recommended in all areas with very low “contact” risk.</p>
Dosage :	50 µ wet = 40 g/m ² wet. Operational after 24 hours.
Handling & safety :	Non-hazardous product under normal operational conditions. Consult the product's Material Safety Data Sheet before using.
Storage & shelf life :	Storage conditions: temperature: 5 – 35°C – in sea led containers. Min. 24 months shelf life.
Standard Packing :	Packing unit: 10 kg metal bucket. Pallet quantity: 30 buckets (300 kg).

Application Instructions

EC 2CTX top coat

Recommendations for Airless spraying of EC 2CTX top coat

Equipment

Plunger pump with a minimal nominal pressure of 150 – 250 bar (Graco Mark V) or airmix.

Nozzles

Nozzles 411 and 413 are recommended (0,011 – 0,013 inch / spraying angle 40°).

Filter

Remove filter(s) and sieves from the system.

Hoses

Use high pressure hoses with a diameter of 3/8 inch or 1/2 inch. Recommended max. length: 30 – 40 m.

Viscosity and Temperatures:

Recommended working area temperature for application should be 15°C – 30°C. Lower temperatures will cause higher viscosity, which will result in bad levelling aspect. Higher temperatures will cause lower viscosity, which will result in dripping off. Before use, store the product accordingly in a heated place for at least 24 hours, to make sure the product temperature is within the recommended range. Dilution is not recommended.
Max. height distance between spraying pistol and pump: 10 m.

Distance

Nozzle distance from the substrate while spraying: ca. 40 cm.