

C.W.C. STOP CONDENSE

White thermal coating for cold and poorly insulated surfaces.

Product designed to eliminate any condensation and mould. **C.W.C. Stop Condense** is a white indoor coating based on latex and special mineral powders, whose insulating properties manage to keep warmer the surfaces coated with this product, thus eliminating the thermal bridge. Between a surface treated with **C.W.C. Stop Condense** and one covered with a normal paint, there is a difference of up to +5°C. These extra degrees of heat prevent the air from condensing on the wall even in the presence of high relative humidity in the room (up to 90%), thus permanently removing the formation of condensation and therefore mould.

BENEFITS

- Do-it-yourself.
- Quick and easy to apply.
- Economical solution.
- Hygienic room renovation.
- Can be overpainted with water paint.
- Definitive physical solution (neither chemical nor toxic).
- Solvent-free product.
- Product with CE (EN 1504-2) and UKCA marking (BS EN 1504-2).

YIELD

0,5 L/m².

COLOUR

White.

PACKAGING

5 L and 14 L plastic buckets.

Pallet:

- 20 boxes (4 pieces each) for 5 L buckets each (tot 400 L);
- No. 48 buckets of 14 L each (tot 672 L).

FIELDS OF APPLICATION

The product is suitable for coating cold surfaces that cause condensation and mould formation, as well as pillars, reinforced concrete walls, non-insulated walls, and thermal bridges. The product is only designed for indoor applications.

FINISHES – liquids

STORAGE

The product must be stored in its original tightly closed containers, in a well-ventilated place, away from sunlight, water and frost, at temperatures between +5°C and +35°C. Storage time 12 months.

SUBSTRATE PREPARATION

The substrate must be of sufficient strength. The surface must be thoroughly clean, well consolidated, free of crumbling, loose parts, salt efflorescence and any organic material. The sub-layer temperature must be between +5°C and +35°C. It does not need a fixative and can be applied over old paint as long as it forms a good substrate. Thoroughly remove any presence of mould by washing the surface with bleach (1 part) diluted in water (10 parts). Allow to dry.

MIXING

Dilute the product with 10% to 15% water maximum.

APPLICATION

1. It is advisable to slightly moisten the surface before application.



C.W.C. STOP CONDENSE

White thermal coating for cold and poorly insulated surfaces.

2. Apply by brush, roller or spray a first coat ensuring total coverage of the surface and minimum visible thickness.
3. Apply a second coat once the first one has dried.
4. the presence of severe mould and therefore severe thermal bridges, apply a third coat.

DRYING TIMES

At a temperature of 23°C and 50% relative humidity, the product dries in approximately 6 hours.

- Drying times are influenced by ambient temperature and relative humidity conditions, and can vary significantly.
- If applied at a higher yield than expected, drying times may increase significantly.

INDICATIONS

- Do not apply at ambient and substrate temperatures below +5°C and above +35°C.
- During the summer season apply the product during the cooler hours of the day, out of the sun.
- Do not apply with imminent danger of rain or frost, in conditions of heavy fog or with relative humidity above 70%.
- Can be dyed with water-based universal paints or overpainted with breathable water paint.
- Do not apply outdoors.

CLEANING

The equipment used can be washed with water before the product has completely dried out.

SAFETY

Always use personal protective equipment when handling the product and comply with the product's safety data sheet.



FINISHES – liquids

Whereas all indications and recommendations supplied herein are stated to the best of our experience and knowledge, they should be considered as indicative only and should be confirmed by exhaustive practical applications. Diasen doesn't know the peculiarity of the processing, or the characteristics of the support. Therefore, the applicator should carry out preliminary tests, to verify the suitability to the foreseen application, and in any case, he will take the responsibility of the intended use. In case of uncertainties or doubts, please contact the company's technical department, provided that this is only a simple assistance for the applicator: he should have the appropriate capabilities and experience to determine the more suitable solution. Always respect the latest update of the technical sheet available on www.diasen.com

C.W.C. STOP CONDENSE

White thermal coating for cold and poorly insulated surfaces.

* The data shown, although carried out according to standardised test methods, are indicative and may be subject to change as specific site conditions change.

Technical Data *		
Features		Unit
Yield	0.5 L/m ²	L/m ²
Aspect	Doughy	-
Colour	White	-
Mixture consistency	Doughy	-
Application temperature	+5 /+35 (+41/+95)	°C °F
Drying time (T=+23°C/+74 °F; R.H. 50%)	6	Hours
Storage	12 months in original container and in dry places	months
Packaging	5 or 14 L plastic bucket (1.32 or 3.70 gal U.S. plastic bucket)	L gal U.S.

Final performances		Units	Regulations	Results
Difference of temperature on concrete	Up to +5 Up to (+9)	°C ° F	-	-
Superficial drying temperature	+5 (+41)	°C ° F	-	-
Steam permeability (μ)	8	-	-	Highly breathable
Resistance after 50 freeze-thaw cycles (-15°C/+15°C) (-59°F/+59°F)	Unchanged	-	EN 202 ASTM C666	Unchanged

FINISHES – liquids

Whereas all indications and recommendations supplied herein are stated to the best of our experience and knowledge, they should be considered as indicative only and should be confirmed by exhaustive practical applications. Diasen doesn't know the peculiarity of the processing, or the characteristics of the support. Therefore, the applicator should carry out preliminary tests, to verify the suitability to the foreseen application, and in any case, he will take the responsibility of the intended use. In case of uncertainties or doubts, please contact the company's technical department, provided that this is only a simple assistance for the applicator: he should have the appropriate capabilities and experience to determine the more suitable solution. Always respect the latest update of the technical sheet available on www.diasen.com

C.W.C. STOP CONDENSE

White thermal coating for cold and poorly insulated surfaces.

*** credits only valid for LEED for Schools, LEED for Core & Shell, v. 2009.

LEED® Credits		
Standard LEED for New Construction & Major Renovation, LEED for Schools, LEED for Core & Shell, v. 2009		
Thematic Area	Credit	Point
Energy & Atmosphere	EAp2 - Minimum energy performance	compulsory
	EAc1 – Optimize Energy Performance	da 1 a 19
Materials & Resources	MRC2- Construction Waste Management	da 1 a 2
	MRC5 – Regional Materials	da 1 a 2
Indoor Environmental Quality	IEQc3.2 - Construction Indoor Air Quality Management Plan—Before Occupancy	1
	IEQc4.2 - Low Emitting Materials - Paints and Coatings	1
	IEQc11 - Mold Prevention***	1



FINISHES – liquids

DIASEN Srl - Z.I. Berbentina, 5 - 60041 Sassoferrato (AN)
Tel. +39 0732 9718 - Fax +39 0732 971899
diasen@diasen.com - www.diasen.com