

DEFINITION

PROX® LTQS is a low temperature quick drying additive for organic plaster used in ETICS (Exterior Thermal Insulation Composites system).

PRODUCT DESCRIPTION

Appearance	Opalescent liquid	
Colour	Colorless to slightly yellow	
Odour	Quite strong	
Guaranteed specifications	Standards	Methods
Active matter (%)	29.5 ± 1.5	S 9613
pH as os	10.5 ± 0.5	NFT01013
Significant value (for guidance only)		
Brookfield viscosity (RVT4 – 20 rpm)	3500 mPa.s	

APPLICATION

PROX® LTQS reduces the drying time of the coating during outdoor application in cold and humid weather conditions (temperature between 5 and 15 °C and relative humidity above 75%).

This product accelerates the surface drying allowing a faster rain proofing of the façade plaster.

PROX® LTQS :

- ✓ Reduces exterior organic plaster drying time during cold and humid weather conditions
- ✓ Accelerates the surface drying allowing a faster rain proofing of the organic plaster

This additive can be added to aqueous dispersion plasters used as decorative or renovation coatings, even as finishing coatings of external thermal insulation.

METHOD OF USE AND RECOMMENDED LEVELS

PROX® LTQS is added by mixing to the coating or plaster prior to the application on the final substrate. **PROX® LTQS** can be used as it is or diluted.

Recommended dosage: 0.5 – 1.5% delivery form on total formulation.

STORAGE CONDITIONS

PROX® LTQS should be stored in a cool dry place. In original unopened container it will keep 1 year stability at 20°C. The product is sensitive to temperatures below 5°C and above 40°C.

PACKAGING

PROX® LTQS is delivered in 1050 kg IBC or 125 kg drums.

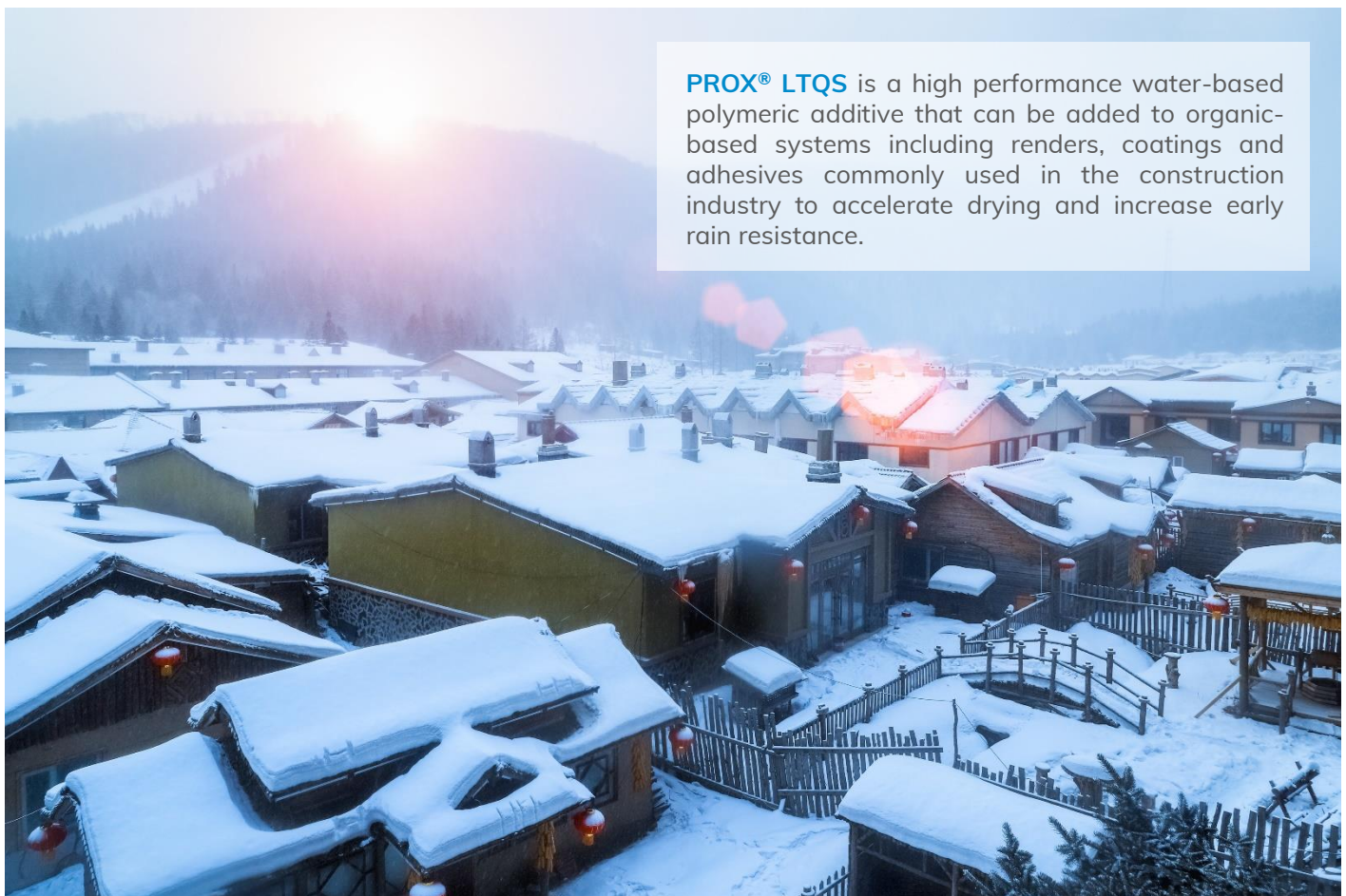
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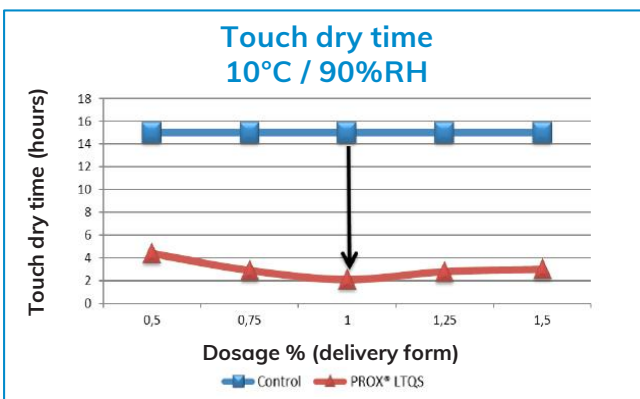
HOW DO YOU PLAN TO DRY YOUR WATERBASED FORMULATIONS THIS WINTER ?

In winter the temperature is often less than 10°C while the humidity is more than 80%. These conditions make it difficult for water-based formulations such as organic renders, coatings and adhesives to dry properly through water evaporation and coalescence. This means that ETICS (External Thermal Insulation Composite Systems) cannot be applied.

However, SYNTHRON has fortunately developed an additive to solve this issue.



PROX[®] LTQS is a high performance water-based polymeric additive that can be added to organic-based systems including renders, coatings and adhesives commonly used in the construction industry to accelerate drying and increase early rain resistance.



HOW DOES IT WORK?

PROX[®] LTQS can be post-added to an existing emulsion-drying formulation or directly added at the work site to accelerate the drying and extend workability.

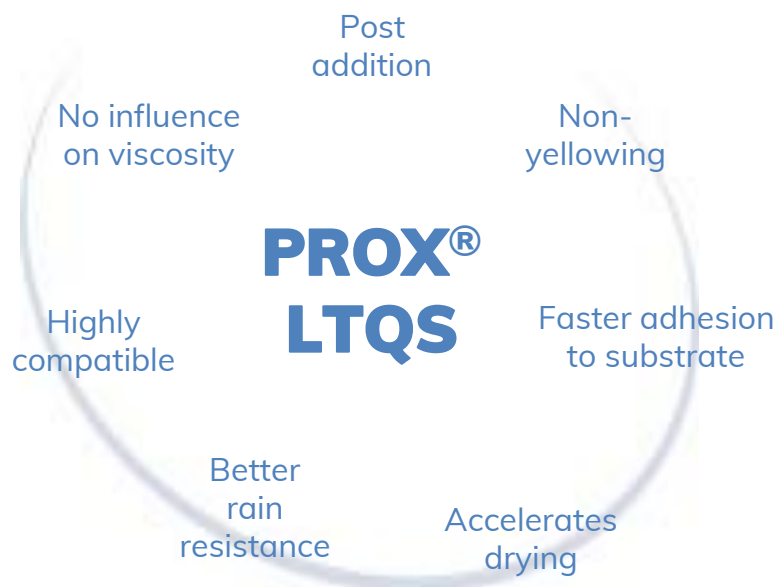
Utilizing the unique chemistry of Prox LTQS, the mechanism works by controlled flocculation; the binder crosslinks to the wall or substrate to prevent water ingress.

Only a small quantity of **PROX[®] LTQS** is needed to significantly reduce the drying time of the film.

CAN I APPLY THE FORMULATION IN WET CONDITIONS ?

YES you can! One of the biggest problems is rain after application, which can cause the product to be removed due to lack of adhesion. PROX® LTQS improves the adhesion of the binder to the wall despite difficult conditions such as low temperature (<10°C) and high humidity (> 90%).

Drying conditions: 10° C– 90/95% RH	After 30 min drying		After 45 min drying		After 60 min drying	
	30 s running water	60 s running water	30 s running water	60 s running water	30 s running water	60 s running water
Control (no additive)						
PROX®LTQS (0.75 % on total formulation)						



SYNTHRON

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