

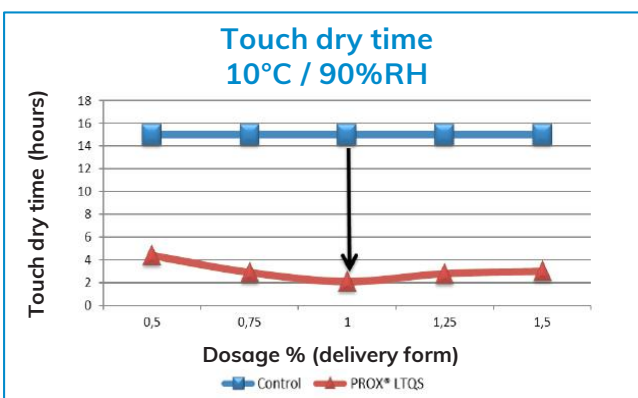
HOW DO YOU PLAN TO DRY YOUR WATERBASED FORMULATIONS THIS WINTER ?

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?






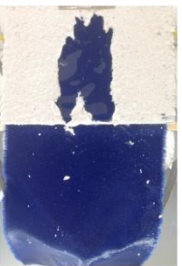





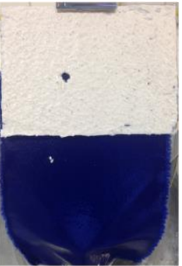
PROX® LTQS can be post-added to an existing emulsion-drying formulation or directly added at the work site to accelerate the drying and extend workability.

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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