Highly Water Repellent

The super hydrophobic (highly water repellent) properties of the coatings were put to the test using Lucideon's 'In House Moisture Content Testing Method PR 27:1998.

The test results revealed that bricks coated with ProPERLA were able to repel water and reduce absorption by up to 96.3%. for ProPERLA Masonry Crème and 93.4% for ProPERLA Facade Coating when compared to uncoated bricks.

Quality standard passed
BS EN ISO 12572 - Water Vapour Resistance

Additional Certifications & Verifications

ProPERLA has been verified by the Energy Savings Trust and benefits from numerous European certfications which include;

- EN ISO 15148:2002 Hygrothermal Performance
- EN 15824 :2009 Water absorption, water vapour permeability, tensile strength, thermal conductivity & long term durability.

Find out more from our specialists:

www.properla.co.uk

Manufactured in Germany under license for BECO TREAT ApS -Nebelvej 15 - 8700 Horsens

ProPERLA® SUPER HYDROPHOBIC COATINGS

LUCIDEON

Tested & Certified

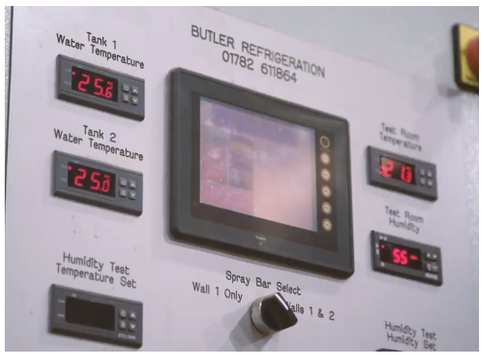
Independently tested by Lucideon to give you peace of mind

UKAS Accredited

Independently Tested

ProPERLA Masonry Crème and ProPERLA Facade Coating have been independently tested by the UKAS accredited testing and analysis laboratory, Lucideon, to give you peace of mind.

Lucideon's world-leading testing and characterization laboratories enabled them to scientifically and impartially test ProPERLA wall coatings to ensure they are fit for purpose and conform to regulations.



25 Year Performance

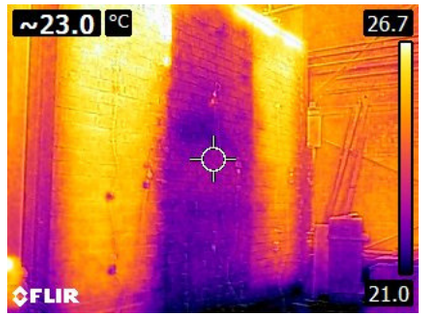
To determine the long term performance of ProPERLA wall coatings, the coatings were subjected to repeated heat-rain cycles followed by heat-cold cycles at controlled humidity to simulate weathering correlating to 25 years exposure.

25 year performance and durability was confirmed. The results revealed no change in performance or aesthetic appearance after accelerated weather testing. There was also no evidence of water penetration and a reduction in salt efflorescence compared to uncoated bricks.

Quality standard passed
ETAG 034:2012 - 25 year hygrothermal performance

Energy Efficiency

To test the thermal performance benefits of ProPERLA wall coatings, temperature readings were taken before, during and after the accelerated weathering test.



Bricks coated with ProPERLA were found to be more energy efficient than uncoated ones. The thermal image here was taken of the rear of the wall during a rain cycle and it clearly shows a 6°C temperature differential between coated and uncoated bricks. The uncoated brick panel is in the middle.

Quality standard passed
ETAG 004;2011 – External thermal insulation composite

Highly breathable

Testing was conducted to determine the effect ProPERLA wall coatings have on the ability of the bricks to allow moisture to escape.

Specimens of ProPERLA coated bricks were submitted for the determination of water vapour resistance using the wet-cup method.

ProPERLA wall coatings were found to have little effect on the breathability of the brick substrate. The mean SD value of the uncoated specimens was 0.57, compared to 0.56 and 0.60 for specimens coated with ProPERLA Masonry Crème and ProPERLA Facade Coating.

Quality standard passed
BS EN ISO 7783:2011 - Water vapour diffusion