



KOMO ACCREDITATION



KOMO CERTIFICATION FOR WATER-BASED PAINTS

KOMO is a Dutch construction industry standard that affects all materials including paint. In the Netherlands, almost all construction projects, including domestic houses, must comply to strict KOMO certification standards. This ensures that Dutch construction products are of an incredibly high quality. Regarding water-based paint for exterior joinery, these standards go far beyond the UK industry standard and also European standards (EN927). This is what sets Anker Stuy Coatings apart in the market.

TESTING AND CERTIFICATION BY KOMO

This certification process typically involves extensive testing and evaluation conducted by independent laboratories to assess factors such as adhesion, durability, weather resistance, colour stability, and environmental impact.

To achieve KOMO certification each system combination of timber species, primer[s], and topcoat[s] is tested and accredited as follows:

- ✓ **Water immersion-freezing test, and determination of water uptake**
Wood samples immersed in water for 72 hours and placed in a freezer for 24 hours. This process is cycled 6 times and weighed after each cycle.
- ✓ **QUV testing**
Samples placed in a QUV machine for 2000 hours with simulated humidity and UV
- ✓ **Outdoor exhibition**
Samples are placed on an outdoor exposure exhibition for 18 months and 36 months
- ✓ **Annual inspection with samples for testing water uptake and wet adhesion testing.**

As well as being more demanding than European standard EN 927, these testing standards ensure the quality of our exterior joinery systems.



How does KOMO compare with EN927?

Requirements	KOMO	EN927
Natural Weathering	4 years	1 Year
Wet Adhesion test	Yes, no loss of adhesion allowed	No requirement
Water uptake	Measured after 3 days at 18°C	Measured after 6 weeks at 23°C

KOMO certification is 100% voluntary and independent meaning that KOMO products carry the confidence a manufacturer has in its products. The mark owes its reputation to integrity because objective assessment is performed by independent experts, and recognised certification institutes that are appointed by a National Accreditation Council of the Netherlands.

Manufacturers seeking KOMO certification for their water-based paint must undergo a thorough assessment process, which may include on-site inspections, documentation review, and performance testing. Once certified, the product is authorized to bear the KOMO quality mark, indicating compliance with the established standards.

KOMO certification for water-based paint serves as a benchmark for quality and reliability, helping stakeholders make informed decisions and contribute to sustainable and high-performance construction practices.



To learn more about the KOMO testing process and see Anker Stuy Coatings' product certifications visit www.ankerstuy.com/joinery-industry/komo-certification/

**in dutch, product names may vary*

