

## MOWILITH® LDM 1734

Mowilith® LDM 1734 is a new VAE-based dispersion, with a nano-scale particle size distribution, developed to act as a binder for penetration primers. Materials treated with penetration primers include a wide variety of mineral and wood substrates. The penetration primer is applied before the final topcoat to create a more even and durable finish.

For mineral substrates the binder penetrates completely leaving no film on the surface, thereby fixating powdery mineral surfaces and creating water repellency, allowing for a controlled film formation and increased adhesion of the topcoat to the substrate. Suitable mineral surfaces include:

- Gypsum plaster (sanded and un-sanded)
- Dispersion plaster
- Concrete plaster (fresh and old)

On wood, the primer will also completely penetrate the substrate without leaving a film on the surface, thereby sealing stains and increasing adhesion of the topcoat to the substrate. Wooden substrates include:

- Hard wood
- Soft wood
- Particle board

### KEY FEATURES

- Excellent penetrating properties
- Excellent water resistance
- Excellent dust binding power (up to 40-50x its weight)
- Excellent adhesion with water-based topcoats
- Solvent free formulation

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Mowilith® LDM 1734 is the most universally applicable binder for penetration primers as proven by extensive in-house testing. Competing chemistries can not match the Mowilith® LDM 1734 performance on all test criteria.

### APPLICATION

- Interior wall and ceiling paints
- Exterior façade paints
- Gloss, lacquers, varnishes and trim paints

### TECHNICAL DATA:

Solid Content:	33 – 35 %
Viscosity:	10 - 100 mPas
pH-value:	4,0 – 6,0
Particle size:	approx.: 90 nm
Tg:	approx.: 1 °C
MFFT:	approx.: 0 °C
Free from Ammonia	

