



HIGH DURABILITY AND
PROTECTION FOR WOOD WITH
CORE-SHELL TECHNOLOGY

Appretan® LDM 2250



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As alternative for pure acrylics and solvent based products, Archroma offers for the wood sector and exteriors an innovative copolymer dispersion based on acrylic- and versatic-esters with Core-Shell technology.

Characteristics of the product:

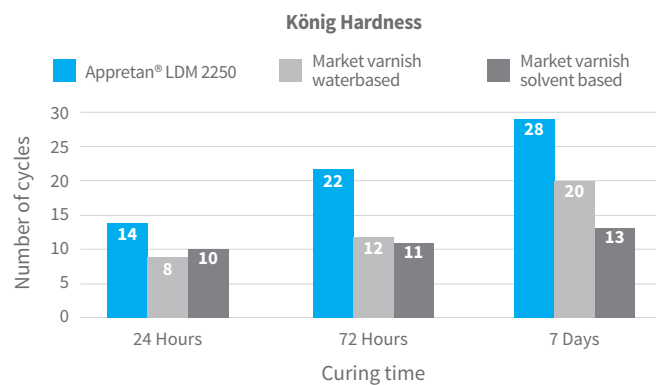
- High UV resistance
- High water resistance
- High gloss and surface hardness
- Superior gloss retention when compared with the traditional acrylic dispersions and alkyd solvent based products
- Absence of blocking
- Excellent weathering resistance
- Attends the 7 pillars of the “LOW-Emissions” concept of Archroma



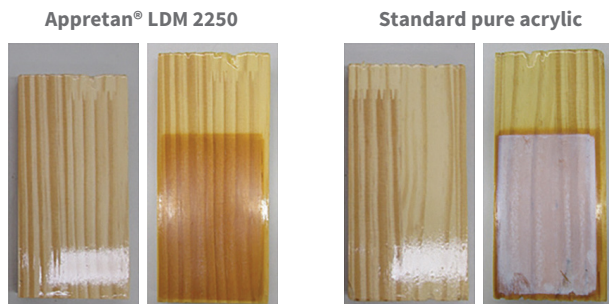
Figure 1. Logo “LOW-Emissions” Concept
"An initiative and responsibility for the environment and your health"

Application sectors:

- Varnishes and stains
- Exterior coatings
- Doors
- Furniture
- Window frames
- Wood lacquers



Graphic 1. Higher Surface hardness in relation to Market varnishes, showing absence of blocking and decreasing the dirty pick-up.



Before and after 1.200 hours of QUV exposition according to Norm ABNT NBR 15380 - condition 2

Figura 2. Higher UV- and weathering resistance vs. traditional acrylic dispersions



Before and after 1.200 hours of QUV exposition according to Norm ABNT NBR 15380 - condition 2

Figura 3. Higher gloss retention when compared to solvent based alkyd varnishes

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