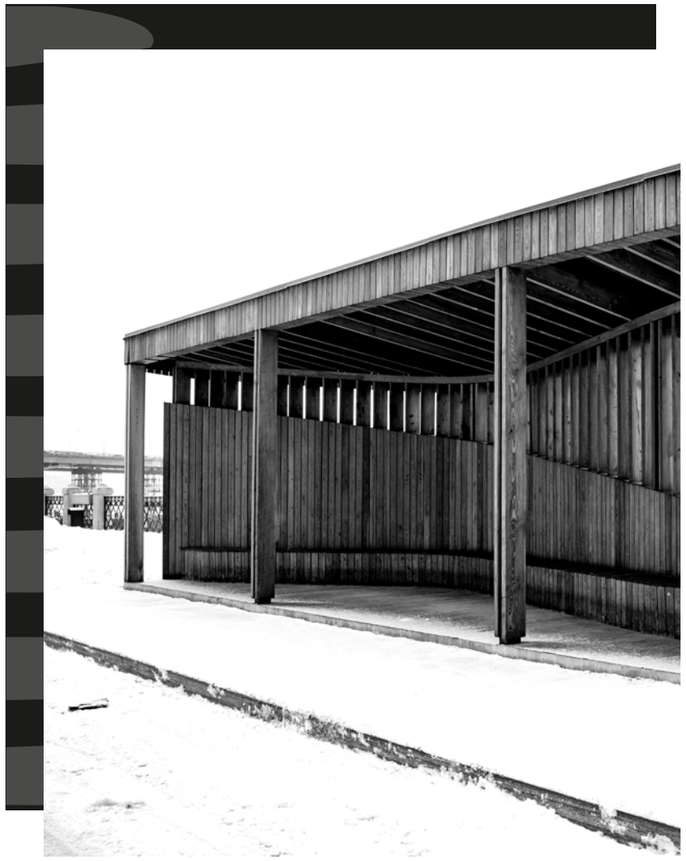
LXBD

OUTDOOR

FAMACRIL W 324



FAMACRIL W 324

CORE SHELL STRUCTURE
SELF-CROSSLINKING ACRYLIC EMULSION

LXBD

FAMACRIL W 324

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Oct26

HUMAN TEAM

SUSTAINABLE DEVELOPMENT

COMPANY VALUE

ENVIRONMENTAL RESPONSABILITY

INNOVATIVE

LXBD GmbH www.lxbd.de Alte Grenzstraße 153 q. 45663 Recklinghausen - Germany

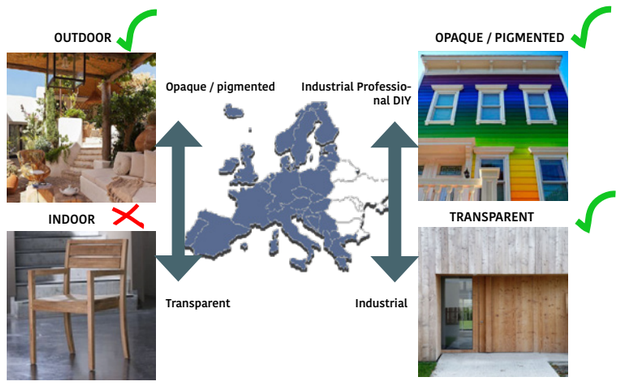
FAMACRIL W 324

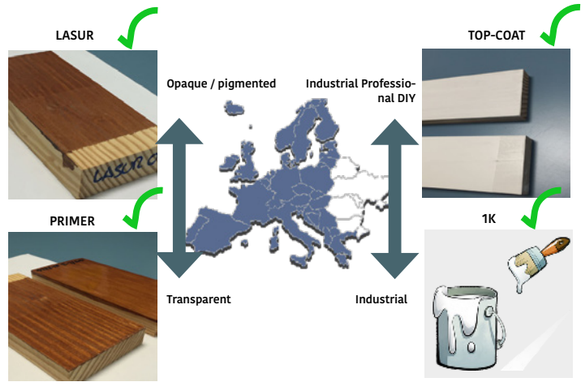
OUTDOOR

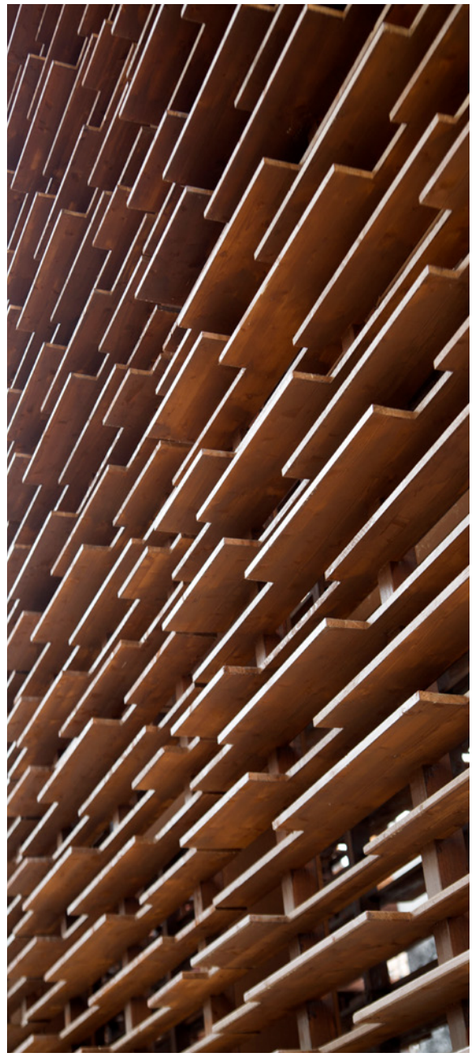
LXBD introduces its new Wood Division with the development of an advanced emulsion for transparent and pigmented gloss enamels, offering an optimal balance between hardness and elasticity. In line with this innovation, we present FAMACRIL W 324, an acrylic-based, universal-use emulsion with a core-shell structure and self-crosslinking properties, ensuring superior performance and durability.



MAIN PROPERTIES





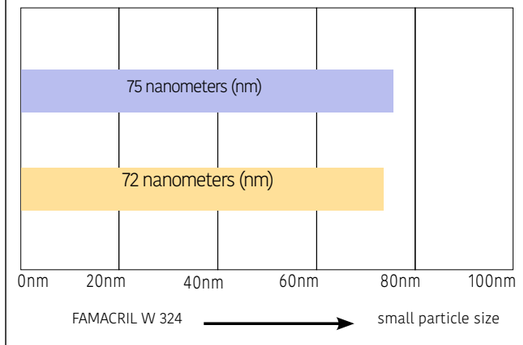


- Universal outdoor application for versatile use.
- Self-crosslinking technology for enhanced durability.
- Core-shell structure for optimized performance.
- Suitable for lasurs and transparent pigmented enamels.
- Strong adhesion to previously applied enamels.
- Excellent elasticity-hardness balance, validated by ISO 6860 CONICAL MANDREL TEST.
- High wood penetration capacity due to its fine particle size.

Total Solids Content (%):	45 ± 1 %
Brookfield Viscosity RVT 23°C (2/20 rpm, mPa•s):	400 - 2.000
pH:	7,5 ± 0,5
Minium film forming temperature (°C):	12 ± 1
Persoz Hardness:	190 ± 15
Core shell structure	✓
Specific weight 20°C (g/cm3):	1,04 - 1,08
Appearance:	Slightly amber

PARTICLE SIZE

Measurement LXBD Nanosizer dynamic light scattering

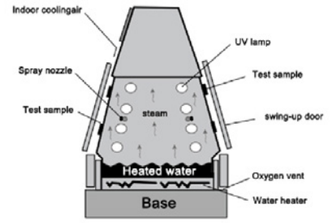




ACCELERATED AGEING

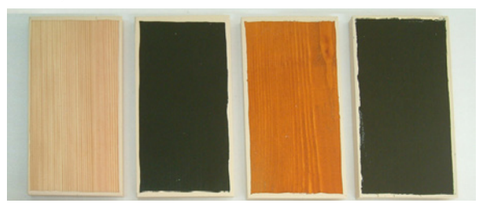
Exposure of coatings to artificial weathering

ISO 16474





Pine, initial color.



Pine, color after 1008 hours.



Pine, color after 2016 hours.

ADVANTAGES

- Fast drying for increased efficiency.
- High blocking resistance to prevent sticking.
- Strong adhesion to wood and aged alkyd enamels.
- Non-yellowing formula for long-term clarity.
- Excellent outdoor durability for extended performance.



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