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## LAICRIL W-1820

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**LAICRIL W-1820** is a water-borne crosslinkable dispersion of an acrylic copolymer that is alkyl phenol ethoxylated surfactants free. This product is recommended for wood exterior coatings system.

### TECHNICAL CHARACTERISTICS

		<u>METHOD</u>
Appearance:	Softy Amber	
Solids by weight (%):	44,0 ± 1,0	I-10-31
Viscosity Brookfield RVT a 23°C (sp. 2/50 rpm, mPa·s):	100 - 400	I-10-32
pH:	7,0 – 8,0	I-10-33
Minimum film formation temperature (MFFT) (°C):	0 aprox.	I-10-43
Specific gravity at 20°C (g/cm <sup>3</sup> ):	1,03-1,07	I-10-52
Emulsifying system:	Anionic	
Mechanical stability:	Excellent	

### APLICACIONES

**LAICRIL W-1820** is a core-shell emulsion with a very little particle size recommended for to use in topcoats for wood exterior protection.

**LAICRIL W-1820** no needs coalescent addition to obtain a good transparent film, despite of this it is recommended to use some co-solven to balance the drying. It is recommended to check the compatibility with the most common solvent used, we suggest Butylglycol, Texanol or Dowanol DPnB.

To use **LAICRIL W-1820** as topcoat for exterior wood it is recommended to use UV filters and inorganic transparent pigment.

Compatibility of our **LACRIL W-1820** with the most common fillers, pigments and additives used for wood market is very good, but anyway we recommend checking.

### PACKING

**LAICRIL W-1820** is expended in bulks and containers of 1.000 Kg.

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### STORAGE CONDITIONS

**LAICRIL W-1820** has to be preserved at temperatures between 5 and 40 °C, in its original containers, protected them from freezing and away from heat sources. Containers should be kept hermetically closed to prevent the formation of a superficial film due to water evaporation. If these conditions are maintained, the product preserves its properties for an approximate period of six months

### SAFETY REGULATIONS

**LAICRIL W-1820** is not classified as a toxic, dangerous or flammable product under normal conditions of handling. This product does not contain any hazardous components which involve, under the actual regulations, any caution for labelling.

We recommend its use without any special safety measures, only the usual precautions when handling chemicals must be observed, including local health and safety regulations.

All safety information is available upon request in the Material Safety Data Sheet for the product

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