

# EU ECOLABEL CERTIFICATION

FOR INTERIOR AND EXTERIOR PAINTS AND VARNISHES



The EU Ecolabel can be granted to interior and exterior decorative paints and varnishes, wood stains and related products intended for consumption and professional use within the scope of application according to 2014/312/EC of the European Parliament.

## THE ECOLABEL GUARANTEES:

- Minimum content of hazardous substances.
- Reduced content of volatile organic compounds (VOC): x g/l.
- Good performance for (both) indoor (and) or outdoor uses.

## COMPOUNDS TO BE DECLARED ACCORDING TO EU REGULATION

- Volatile organic compounds (VOC): any organic compound that has an initial boiling point less than or equal to 250 °C, where the measurement is carried out at a standard pressure of 101.3 kPa as defined in Directive 2004/42/CE. Its analysis is performed by gas chromatography, and those compounds that elute below n-tetradecane ( $C_{14}H_{30}$ ) for non-polar systems or diethyl adipate ( $C_{10}H_{18}O_4$ ) for polar systems are quantified.
- Semi-volatile organic compounds (SVOC): any organic compound that has a boiling point greater than 250 °C and that, in a capillary column (1), is eluted at a retention time between n-tetradecane ( $C_{14}H_{30}$ ) and n-docosan ( $C_{22}H_{46}$ ) for non-polar systems and diethyl adipate ( $C_{10}H_{18}O_4$ ) and methyl palmitate ( $C_{17}H_{34}O_2$ ) for polar systems.