

ECO Adhesive

for the quality of living

**ECO-SUSTAINABLE PRODUCTS FOR
INSTALLING WOOD AND CERAMIC TILES**



**FOR PERFECTLY INSTALLED FLOORING WITH GUARANTEED
HOLD, QUALITY AND RESPECT FOR THE ENVIRONMENT**



At Mapei Eco-Sustainability is not

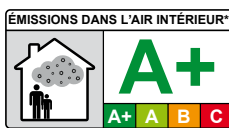
In the last few years there has been a growing demand in the residential, commercial and public building sectors for wooden flooring made from superior quality, aesthetically innovative products.

This trend has also led to an evolution in the systems and techniques used to install wooden flooring that MAPEI has transformed into a new line of specific products comprising not just adhesives, but a complete range of products including binders, admixtures, ready-mixed screed mortars, primers, consolidators and waterproofing products, to prepare highly resistant substrates and smoothing layers.

MAPEI systems for installing wooden flooring are **solvent-free** and have **a very low content of volatile organic compounds (VOC)**. Safe, for both those who apply them and those who live on and around them, and hard-wearing over the years.

MAPEI has always been committed to the **Research and Development** of products that safeguard the environment and the health of those who apply our products and those who frequent the areas where they are applied, and has a vast experience in the field of **Eco-Sustainability** dating back to 1980, when they developed a series of products with very **low emission levels of volatile organic compounds**.

MAPEI products are certified **EC1**, **Blauer Angel** and **DIBt**, markings by rigorous German Institutes that verify products to make sure they contain no hazardous substances and have very low emission levels of volatile organic compounds.



On the cover: Europe biggest Ficus, at "Villa Garibaldi" in Palermo, where Mapei products have been used on the existing parquet

invented - it is certified



Ultrabond Eco S955 1K



sealant
Silwood

pre-finished parquet

adhesive
Ultrabond Eco S955 1K

sound-proofing membrane
**Mapesonic CR (2 mm) +
Mapesonic Strip**

adhesive
Ultrabond Eco S955 1K

old ceramic flooring

Eco-sustainable system for the rapid installation on existing flooring with under-floor sound-proofing system



Ultrabond Eco S955 1K



One-component, solvent and isocyanate-free, silicated polymer-based adhesive with very low emission of volatile organic compounds (EMICODE EC1 R Plus) for all types of parquet

WHERE TO USE

Bonding all sizes and grades of parquet and pre-finished wooden floors.

Some application examples

Ultrabond Eco S955 1K is used for bonding pre-finished elements, lamparquet, solid hardwood strips, planks and all types of parquet on: cementitious screeds; screeds made from **Mapecem**, **Mapecem Pronto**, **Topcem**, **Topcem Pronto** and similar products; old wooden, ceramic, marble, terrazzo, etc. floors; anhydrite screeds. Ideal also for heated substrates.

Technical Data

Product Identity

Consistency:	creamy paste
Colour:	beige or brown
Density (g/cm ³):	1.60
Dry solids content (%):	100
Brookfield viscosity (mPa·s):	37,000 (rotor 7 - 50 rpm)
EMICODE:	EC1 R Plus - very low emission

Application Data (at +23°C and 50% R.H.)

Application temperature range:	from +10°C to +35°C
Open time (formation of skin):	50-60 mins.
Adjustment time:	1 hour 45 mins. - 2 hours
Set to foot traffic:	approx. 12 hours
Sanding:	after 3 days

Final Performance

Shore A hardness (7 days at +23°C):	45
Adhesion wood to concrete (N/mm ²):	2
Adhesion wood to ceramic (N/mm ²):	2
Elongation at failure (%) (after 7 days at +23°C):	200
In service temperature range:	from -20°C to +80°C



Ultrabond P990 1K



sealant
Mapeflex PU45

sealant
Silwood

pre-finished parquet

adhesive
Ultrabond P990 1K

Eco-sustainable system for installing ceramic and pre-finished parquet on heated screeds and on soundproofing systems to reduce the noise of footsteps



Ultrabond P990 1K



One-component, solvent-free, ready-mixed, elastic polyurethane adhesive with very low emission of volatile organic compounds (EMICODE EC1 R Plus) for all types of pre-finished ply parquet and traditional, solid tongue and grooved wooden planks

WHERE TO USE

Bonding all sizes and grades of solid tongue and grooved wooden planks and pre-finished ply parquet.

We advise against installing pre-finished solid wood planks with varnish on the underside or traditional solid parquet without tongue and groove joints.

Some application examples

Ultrabond P990 1K is used for bonding pre-finished elements with tongue and groove joints, solid hardwood strips, planks and lamparquet on: cementitious screeds; screeds made from **Mapecem**, **Mapecem Pronto**, **Topcem**, **Topcem Pronto** and similar products; old wooden, ceramic, marble, terrazzo, etc. floors; anhydrite screeds.

Ideal also for heated substrates.

Technical Data	
Product Identity	
Consistency:	creamy paste
Colour:	beige or brown
Density (g/cm ³):	1.40
Dry solids content (%):	100
Free monomers (%):	< 1
Brookfield viscosity (mPa-s):	28,000-36,000 (rotor 7 - 50 rpm)
EMICODE:	EC1 R Plus - very low emission
Application Data (at +23°C and 50% R.H.)	
Application temperature range:	from +10°C to +35°C
Open time (formation of skin):	110 mins.
Adjustment time:	3 hours
Set to foot traffic:	12 hours
Sanding:	after 3 days
Final Performance	
Shore A hardness:	58
Adhesion wood to concrete (N/mm ²):	2.5
Adhesion wood to ceramic (N/mm ²):	1.8
Elongation at failure (%) :	180
In service temperature range:	from -10°C to +70°C

