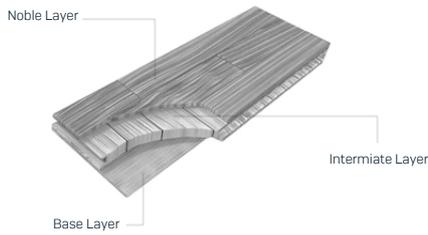




Technical characteristics

The IMA floating flooring is made up of a set of **3 14mm strips**, joined together that provide the warmth and durability recognized to our product.



IMA has the **Sustainable Environmental Diagnosis (Spanish acronym: DMAS) Certificate**, an advanced management system in attention to the social and environmental environment.

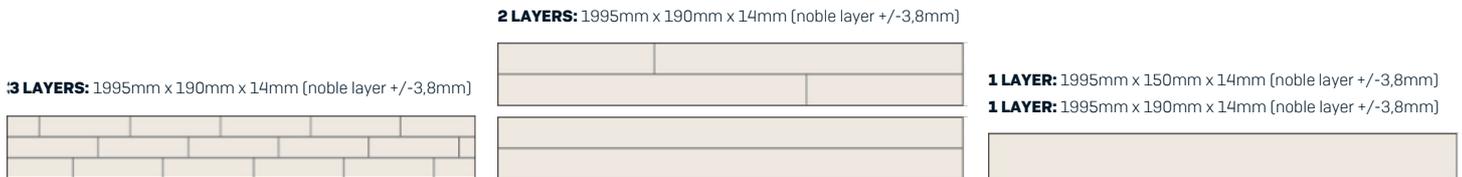
The **noble layer** is the "visible" wood that supports use and brings beauty and warmth to the floating floor. Optimax Ceramic waterbased varnish, the IMA exclusive finish that provides the best resistance on the market, is applied to this layer.

Noble layer thickness: ± 3.8 mm

The **intermediate layer** provides flexibility and cohesion to the whole. Formed by a conglomerate in of 8 mm conifer wood.

The **base layer** supports the other two and is in contact with the insulating layer. 2 mm coniferous wood.

Design of IMA floating floors: There are numerous configuration variants that adapt perfectly to each decorative style and the size of the room to be paved.



IMA products undergo a **series of controls** to ensure product quality and strength:

Dimensional stability: Control in adverse humidity conditions.

Abrasion resistance: Resistant to superficial wear caused by the transit of people and furniture.

Resistance to domestic products: Flooring tested for resistance to various substances commonly used in the home (food, detergents, acids...).

Water based varnish resistance: Accelerated product cycle test to evaluate possible colour changes.

Thermal conductivity: Controls to check the level of thermal insulation of the material.

Impact resistance: Resists objects of different weights and at different heights.

Noise insulation: IMA flooring laid over 1mm polyethylene foam provides 18 dBA noise reduction.

Scratches: Force is applied with a diamond tip to evaluate the effect of scratching on the material.

Formaldehyde emission: Component of wood adhesives considered toxic at certain levels. The official sanitary provision is demanding: IMA has class E1 of low emission (less than 8 mg per 100gr of product mass).

OPTIMAX CERAMIC

OPTIMAX

35 years ago, IMA was the **first manufacturer in the world** to apply a water-based varnish to wood followed by up to six successive layers of acrylic varnish to achieve phenomenal resistance.

Optimax Ceramic water-based varnish is applied as the first layer in the varnishing process to ensure an ecological and flame retardant material.

Water impregnates the Wood easily through its surface and with sophisticated technology this layer is stuck to the wood, thus achieving **resistance to abrasion and scratching**.

Once again we stand out from the rest has been improved by lowering the PH and obtaining an invisible resistance varnish. Thus we maintain the natural tone and feeling of the raw wood.