



HIGH PERFORMANCE WATER-BASED PRODUCTS FOR EXTERIORS

## Klima Water-based Impregnators for Softwood(SW) and Hardwood (HW)

TN30- Clear SW Impregnator for natural finish or as a base to make a custom color  
TN340- Clear HW Impregnator for natural finish or as a base to make a custom color



**Dark walnut**

PN30SW

PN330HW



**Teak**

PN31SW

PN310HW



**Light walnut**

PN32SW

PN320HW



**Cherry**

PN33SW

PN332HW



**Antique walnut**

PN34SW

PN340HW



**Douglas**

PN35SW

PN350HW



**Mahogany**

PN36SW

PN360HW



**Green**

PN37SW

PN370HW



**Walnut**

PN38SW

PN338HW



**Chestnut**

PN39SW

PN332HW



**Oak**

PN3009SW

PN1064HW



**Fir**

PN3010SW

PN3011HW



**Myrtle**

PN3019SW

PN1065HW



**responsible technologies  
for wood coating**

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The application of the ILVA KLIMA IMPREGNATOR (wood protector, conditioner plus stain color) is fundamental for the protection of wood.

The ingredients contained within the impregnator create a protective barrier against the attack of fungi, molds and parasites.

The translucent stain/tint colors, in addition to giving the desired color shade, also help protect wood by blocking the damaging UV sun's rays, and from atmospheric agents such as rain, frost and pollution.

This impregnator is intended to be used with a protective topcoat, Ilva Klima TN931. This topcoat **MUST BE APPLIED** to get the maximum protective benefit from the product.

#### SURFACE PREPARATION:

- For new wood, sand, ending in 150-180 grit; finer sanding can create adhesion problems.
- On previously coated wood, sand off all traces of old coatings until completely removed.

#### APPLICATION:

There are two distinct Ilva Klima impregnators\* available, based on the hardness of the wood to be coated.

- Soft, Coniferous wood (Pine, Douglas, soft Cedar)
  - TN30 clear
  - PN3xxSeries (see front for color reference)
- Hard Wood or broadleaf trees (Mahogany, Meranti, etc.)
  - TN340 clear
  - PN3xxSeries (see front for color reference)

See our Klima Impregnator formula chart.

Selecting the correct impregnator for the type of wood is really important for the best color uniformity and protection. Using the wrong type will cause a blotchy, non-uniform look.

Even if the look you require is "natural", it is essential to apply the correct, clear impregnator. However, using the clear impregnator without stain colorants (pigments) added, results in a very strong likelihood that the color of the wood will bleach in an extremely short period of time from the sun's rays. This is why we strongly recommend using the tinted type in order to minimize this color change/bleaching effect.

We recommend applying the impregnator by spray, brush, cloth or by rolling on.

If the item is small, it can also be dipped. Any area left uncoated is vulnerable to parasites, fungi, mold and color change.

Multiple coats can be used. Remember, each successive coat will deepen the overall color of the wood. To lighten the color of the stain, dilute the product using the clear TN30 or TN340 as appropriate for the wood type.

#### DRYING:

Dry time depends on airflow and the number of coats applied. A typical dry time to recoat with Klima topcoat TN931 is about 2 to 3 hours.

Your dealer can also prepare custom colors.

\*Within the Ilva Klima impregnator range, there is also a special impregnator, TN370, for exotic hardwoods rich in resins, oil or tannins, such as Iroko, Chestnut, Oak, and some Teak species. Contact your Ilva dealer for more information.

Dealer Information: