

NO VISIBLE_{2K}

HPC-5007 + PUR-1010



DATA SHEET 1/5

This 2-component, water-based invisible-effect varnish is designed for finishing new parquet, unfinished or white-sanded, and for all unfinished wooden elements. It provides a matt, wear-resistant finish (**light untreated wood effect**) that prevents the wood and varnish from yellowing over time.

Note: only suitable for all types of light wood and veneer from ± 1.5 mm (below this, possible reaction with the glue). For dark and exotic woods, we recommend using NO VISIBLE NUANCE HPC-5009 + PUR-1010.

TECHNICAL DATA

Base

Water-based copolymer dispersion

Aspect

Milky emulsion

Dilution

Water (5 to 10%)

Density

± 1.05 g/cm³

Dry matter content

(after mixing)

$\pm 39,5$ %

Viscosity

(after mixing and diluted to $\pm 10\%$)

± 45 " (DIN4, 20° C)

Mixing ratio

10 volumes HPC-5007 + 1 volume PUR-1010

Drying time

30 minutes = dust-free

4 hours = recoverable

12 hours = sandable

7 days = fully cured

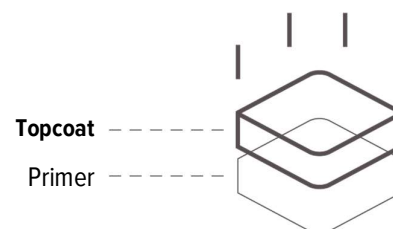
Stain resistance

Excellent

(see 'Chemical resistance' page 5)

Standard

VOC content compliant with current European regulations (DECOPAINT)



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Iconography



Indoor

Indoor application.



Gloss

This product maintains the unique matt appearance of your light wood floor and has a gloss level of 2.5 to 3% (at a 60° angle), depending on sanding.



Stir Well

See 'Application' on page 4 for the correct instructions.



Pot Life

After mixing the 2 components, the product can be used for about 1 hour.



Drying Time

The 1st coat can be recoated after 4 hours. Subsequent coats should be applied after at least 10 h (sand with P220 grit between coats).



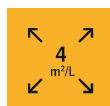
Roller / Brush

This product can be applied with a special MICROSTAR microfibre roller HWZ-00713 (25 cm) or HWZ-00714 (10 cm) or with a brush HWZ-0049/HWZ-0046.



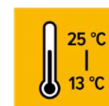
Spray Gun

To spray this product, first dilute it with 5-10% water.



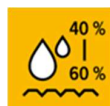
Consumption

You can finish ± 4 m² with 1 L of product at a minimum consumption of 240 g/m² (3 coats).



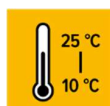
Temperature

This product can only be applied at a temperature of 13 to 25°C.



Humidity

This product can only be applied at a relative humidity of 40-60%.



Storage Temp.

This product should be stored at between 10 and 25°C.



EXP Date

HPC-5007 and PUR-1010 can be used unopened for up to 24 months.



Packaging

This product is available in 1.1 L (1 L + 0.1 L) / 2.5 L (2.25 L + 0.25 L) / 22 L (20 L + 2 L) as well as in cartons of 6 x 1.1 L and 4 x 2.5 L.



UV Filter

This product contains the necessary additives to prevent yellowing of both varnish and wood.



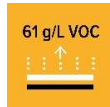
Abrasion

This product has an abrasion resistance of ± 30 mg (CS17 / 1000 rotations).



Mixing Ratio

Mix 10 volumes of HPC-5007 with 1 volume of PUR-1010.



VOC Level

This product contains only 61 g/L of Volatile Organic Compounds (after mixing), which means that, during curing, there are still 61 grams of these substances emitted per litre (2010/75/EU) and 46 grams without the hardener.



Frost

This product is not affected by frost during transport.

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Wood floor preparation

The wooden floor must be dry (wood moisture content between 8 and 10%) and free of dust, residues and grease. The floor must therefore be completely sanded (finish with P120 grit). First fill any joints, holes, cracks or fissures with a filling binder from the BASIFON range by BASIN. Then sand again (finish with P120 grit). Test before starting the final treatment with NO VISIBLE.

Tool preparation

We strongly recommend using a bucket HWZ-90814 with grille HWZ-90703 in combination with the right microfibre roller HWZ-00713 / HWZ-00714 and handle HWZ-0070 / HWZ-00701 or brush HWZ-0049 / HWZ-0046 or spray gun (Ø 2.0) HWZ01332.

Note: never dip the roller completely into the varnish + hardener.

Base layers

For light-coloured wood that is porous, exotic and/or too acidic, we strongly recommend using a primer. In most cases, NO VISIBLE can be applied directly to the raw wood (in 3 coats or 240 g/m² finished floor). NEUTRALATOR HBN-05100 + ECO-2020 reinforces the invisible effect of NO VISIBLE HPC-5007 + PUR-1010 on light wood types and prevents discolouration. In certain cases, such as aged wood, wood rich in tannin, old sanded parquet, etc., we advise you to apply solvent-based INVISIBLE PRIMER NC-21250 to prevent undesirable discolouration of the wood, before finishing with NO VISIBLE HPC-5007 + PUR-1010.

Note: exotic woods should always be cleaned with INTENSIVE CLEANER AD-9300 or rinsed with THINNER TH-0609PUR. For sanded wood, always use INVISIBLE PRIMER NC-21250 and finish with NO VISIBLE HPC-5007 + PUR-1010 to avoid rust stains and black spots. For nailed parquet, either stainless steel nails are used or these nails must be driven in and sealed with BASIFON NC-0010 or BASIFON POUDDRE WV-XXXX.

Shades

Before varnishing a BASIN colour with NO VISIBLE, always use the appropriate primer. See the technical data sheet for the corresponding colour. NC-21250 is used for water-based clear colours with the code MSP-XXXX. For dark MSP-XXXX colours, use ISOLATION PRIMER HBN-08700.

Mix

Stir the NO VISIBLE well before adding the PUR-1010. Then mix 10 volumes of HPC-5007 with 1 volume of PUR-1010. Mix this mechanically or manually to obtain a homogeneous mixture, as the hardener has a higher viscosity than the HPC-5007 varnish. Use the HWZ-90578 mixer for this. If necessary, add 5 to 10% water. The mixture can then be used for **± 1 hour (!)**.

Note: use normal speed for mechanical mixing to avoid foaming.

BENEFITS

Ecological

Water-based, high solids.

No yellowing

The varnish and wood do not yellow over time* and retain the natural colour and matt finish of light wood (untreated wood effect).

* Some types of wood yellow strongly over time and may still yellow slightly despite the high level of protection.

Permanent components to prevent wood yellowing

Contains permanent components that prevent the natural yellowing of wood (if sealed up to 240 g/m² or 3 coats).

High abrasion resistance

± 30 mg (CS17 / 1,000 rotations).

Odourless

Very low VOC content

± 61 g/L (after mixing).

Quick drying

High stain resistance

Insensitive to frost

Certifications



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Application

1. Apply evenly in the direction of the wood grain. Organise application in small areas of 2 m² to ensure that the product is well applied. Do not use too much pressure on the roller to apply sufficiently thick coats. 2. The slightly milky appearance disappears after a few minutes when drying. Check product consumption regularly to ensure that the recommended yield is maintained (± 1 L per 4 m² finished floor). 3. After the 1st coat there is a drying time of 4 hours (at a temperature of 13 to 25°C and humidity of 30 to 60%). 4. After the 2nd coat, allow to dry for 12 hours. Then sand with P220 grit before applying the 3rd coat. Carefully remove dust from surfaces before applying a new coat. It is strongly recommended that NO VISIBLE is applied in 3 coats. 5. Check consumption at the end of the 3rd coat. Consumption should be close to 240 g/m² (i.e. 1 L per 4 m² finished floor). 6. If this consumption is not reached, a 4th coat must be applied to obtain the characteristics of this product.

Note: for domestic use, apply a minimum of 240 g/m². For semi-intensive use, apply ± 300 g/m² and for intensive use (entrance hall, kitchen, presence of pets, stairs, etc.), apply ± 360 g/m². The 1st coat applied with a microfibre roller, the wood absorbs ± 120 g/m²; the 2nd coat, ± 80 g/m²; from the 3rd coat onwards, ± 60 g/m² - ask the technical department for prior advice. Microfibre applicator rollers are only good for 50 m² (or 1 hour) because they harden and less varnish is applied. They should therefore be discarded, as it is not possible to wash a microfibre roller with hardened 2-component varnish.

Commissioning

After 12 hours drying time, the treated floor can be walked on with care. The maximum hardness of the product is reached after 7 days. The varnished floor cannot be covered during this period.

Tool cleaning

Clean tools immediately after use with water. Rollers may only be used once. Respect the environment. Do not empty the product down the drain. Leave the rest of the product to dry and dispose of it, together with the empty packaging, at a qualified waste collection centre.

Maintenance

Dry cleaning with a microfibre mop is mandatory for the 1st week, until the varnish has completely hardened; this way, dust is electrostatically absorbed. Thereafter, use WASH & WAX AD-5200 for regular maintenance. If the floor is lightly scratched, use MATT REFRESHER AD-9400. For stains or more thorough cleaning, use INTENSIVE CLEANER AD-9300. See the technical data sheet for the corresponding maintenance product.

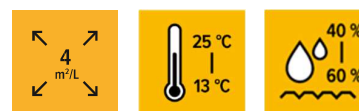
Note: we use microfibre mops (70/30). Once the floor has been cleaned, put the microfibre mop in the washing machine to regenerate it (± 300 x).



Stir Well

Roller / Brush

Spray Gun



Consumption

Temperature

Humidity



Pot Life

Drying Time

Mixing Ratio

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Chemical resistance

Below are the results of chemical resistance tests on NO VISIBLE HPC-5007 + PUR-1010, applied in 3 coats or 240 g/m², in accordance with European standard EN 13442. All tests were carried out at a starting temperature of 20°C.

5 : No visible damage | **4** : Very slight change in colour or gloss | **3** : Slight change in colour or gloss, no change in the structure of the oil layer | **2** : Visible change in colour or gloss, no change in the structure of the oil layer | **1** : Visible change in colour or gloss, the structure of the oil layer is changed | **0** : Surface heavily changed

Achieving '5' everywhere will depend on the amount of oil applied. See 'Application' on page 4/5.

 5 Water 24 hours	 5 Detergent (10%) 24 hours	 5 Acetone 120 sec
 4 Ethanol (50%) 24 hours	 4 Red wine 24 hours	 5 Vinegar (4%) 24 hours
 5 Olive oil 24 hours	 5 Milk 24 hours	 5 Café 24 hours
 5 Black tea 24 hours	 3 Black ink 24 hours	 3 Ammonia (10%) 8 hours

Note: Increasing the amount of varnish will improve wear resistance and resistance to household chemicals (4th and 5th coats). Please read BBRI technical notices 218 and 272.

Disclaimer

Due to the versatility of the products, application possibilities and application processes, this information is only given with the purpose to inform. It is highly recommended to check by yourself prior to performing the final works. Our experience has taught us that every user develops his own way of working. This information was provided, oral or written, on the explicit demand of the client. This information is given in good faith and based on the current experience of Basin ChemEco. There cannot be inferred by any means any responsibility on behalf of Basin ChemEco. Prices can change - the technical files can be modified by Basin ChemEco at any time without preceding inform - Basin ChemEco is not responsible for results caused by incorrect use of the product & instructions such as e.g. quantities, timing, choice of material, temperature, subsoil, influence of light etc. No guarantee whatsoever is given for a renovation.

It is up to our customers to check that this technical data sheet has not been modified and replaced between the time of purchase and the time of use of the product.

Basin ChemEco
Gravestraat 7A
B-8750 WINGENE
T : +32 51 65 00 10
F : +32 51 65 81 05
info@basin.be

