

BIO IMPREGNOL S

442813

Oil impregnation

PRODUCT DESCRIPTION

- Impregnation based on:
- - natural vegetable oils

AREA OF USE

- Suitable for surface protection of wood, which comes in contact with food (IKEA food-stuff contact certificate IOS-PRG-0021).
- We recommend testing of application and compatibility of material with the wood type.

ASSOCIATED COMPONENTS

Cleaner:

Helios cleaners	Remarks
447039 BIO IMPREGNOL THINNER	
402755 HELIOCEL thinner	

DATA ON PRODUCT

Type	oil
Density	0,90 - 0,94 kg/l
Delivery viscosity	DIN4 20°C 20 - 24 s
Solid substance (%)	100 %
Appearance	Clear yellowish liquid.
Color shade	clear, slightly yellowish

Film thicknesses

Recommended film thicknesses	60 - 100 g/m ²
------------------------------	---------------------------

Drying

Times and regimes of drying and/or curing will be defined in detail with technologic procedure. After short stabilization workpieces can be immediately packed. Pack products in wax paper.

Technical information are written as basis for quality use of material For each deviation from stated parameters, technological procedure for each individual coating user is written with regard to application possibilities. Technological procedure is written by application technician - instructor and technologist of individual plant.

SURFACE PREPARATION

- It is applied to well sanded wooden surfaces, without dust or other impurities.
- We recommend sanding: beech P280 - P320 ; oak, pine, spruce P180 – P220 ...

WORKING CONDITIONS

- Surface and coat must be thermostated to room temperature before application (minimally 18°C).
- Apply and dry at temperature 18 – 25°C and relative air humidity 40 – 70%.
- Oiling (application and drying) should be performed in specially for this purpose intended rooms, as contamination danger exists for wooden workpieces and other materials with oil, which may lead to crater appearances or other defects in surface treatment.

APPLICATION INSTRUCTIONS

- Before use mix coat thoroughly.
- Delivery viscosity is working viscosity.
- Apply impregnation to surface in excess and distribute evenly on whole surface, to impregnate wood well.
- Dip workpiece completely into oil and set it after certain time of impregnation in such a position that oil drips off.
- After certain time remove impregnation excess completely with a cloth and evenly smoothen the surface with a clean dry cloth.



SPREADING/WIPING

Thinning:	not necessary
Cleaner:	402755 HELIOCEL thinner
Impregnation time:	1 - 2 minutes



DIPPING

Thinning:	not necessary
Cleaner:	402755 HELIOCEL thinner
Immersion time:	10 - 60 s



ROLLER COATING

Thinning:	not necessary
Roller:	resistant to aliphatic solvents
Cleaner:	447039 BIO IMPREGNOL THINNER

STORAGE

- 12 months in originally closed container at the temperature up to +35°C.
- Protect against direct sun light.

SAFETY INSTRUCTIONS

- See Material Safety Data Sheet and product label
- Due to danger of self-ignition it is necessary to burn cloths soaked with oil or completely immerse them in container with water.

REMARKS

- On request, we issue for each batch of coating adequate quality control certificate with all control data.
- Technical information are result of knowledge, based on lab work and practical experience. In case of use of a coat beyond our control we can not take over responsibility and guarantee for quality of a coat as such We reserve the right to change data without previous notice.
- Quality system according to ISO 9001.
- Pack products in wax paper.