Pache SARL - 64 Route de Gravin, 74300 Magland
04 50 89 57 17 contact@pache-adler.fr
www.pache-adler.fr

Technical data sheet

Paint runs through our veins.

Arova Neosol 1008

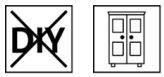
Solvent-based **stain mixing system** for hardwoods, for use in industry and trade

PRODUCT DESCRIPTION

General

Solvent-based stain mixing system formulated with special lightfast dyestuffs for bright and vibrant stain colours that don't accentuate the pores, for use on fine-pored and coarse-pored hardwoods. You can use either Arova Neosol 1008400100 (contains solvents) or water for thinning. A multitude of different stain colours can be mixed with our three basic stains – yellow, red and black. In combination with both solvent-based and water-based furniture varnishes.

Application area



For furniture, interior fixtures, wall paneling and wood ceilings.

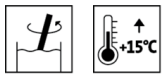
Arova Neosol (1008) is especially recommended for beech, maple, walnut, cherry, birch, alder, pear, oak and ash woods.

Depending on the furniture coating used, the product is suitable for surfaces of furnitures and interior finishing in application areas II – IV according to ÖNORM A 1610-12.

Application in combination with a suitable topcoat system.

PROCESSING

Processing instructions



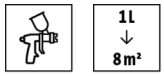
- Please stir product well before and during use.
- The temperature of the product and object, and the room temperature must be at least + 15 °C.
- Ensure an even stain application!
- A staining application with Airmix or Airless low pressure device is also possible. If brightening with water, application with a brush or sponge is also possible for small areas.
- The color changes if the liquid stain comes into contact with metal.
- Various types of wood such as Oak contain water-soluble substances, which become active when overcoating with water-based furniture coatings. To prevent discolouration or marks when painting wood rich in active substances we therefore recommend priming them first with Aduro Primer (2523).
- Do not return the product from the application tool or product contaminated with wood dust to the original container.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result.
- Please observe our **ARL 110 - Working guidelines for staining Wood.**

PACHE SARL

ADLER-Werk Lackfabrik, A-6130 Schwaz
Fon: +43/5242/6922-190, Fax: +43/5242/6922-309, Mail: technical-support@adler-lacke.com

Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

Application technique



	Cup gun
Spraying nozzle Ø (mm)	1,5
Spraying pressure (bar)	1,5 - 2,0
Yield per application (m²/l)	8
Applied quantity per application (g/m²)	40 - 50

The stated yield includes spray loss.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)

Arova Neosol and mixtures with Arova Neosol Farblos (1008400100):

Recoatable (solvent-based coatings)	30 minutes
Recoatable (water-based coatings)	1 hour(s)

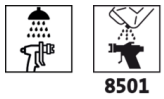
Mixtures Arova Neosol with water:

Recoatable (solvent-based coatings)	12 hour(s)
Recoatable (water-based coatings)	5 hour(s)

If necessary, a forced drying is also possible.

The figures given above are reference values. Drying depends on the substrate, layer thickness, temperature, air exchange, relative humidity, stacking pressure and stacking conditions.

Cleaning the working equipment



The mean cleaning should be done with washing thinner (80077) or with water.

SUBSTRATE

Type of substrate

Fine and coarse-pored hardwoods such as beech, maple, walnut, cherry, birch, alder, pear, oak and ash.

Substrate property

The substrate must be dry, clean, capable of holding the paint, and it must be free of grease and wax and free from wood dust.

Substrate preparation

Grit size 150 – 180

Thoroughly remove sanding dust, especially from the wood pores.

Dull abrasive paper and uneven sanding can lead to a spotty stain pattern.

Watering the sanded wood and, after drying, smoothing sanding with 150-180 grit is beneficial; if brightening with water, this step is absolutely necessary for solid oak.

PACHE sarl

COATING SYSTEM

Stain application

Apply uniformly along the direction of the wood fiber using the wet on wet method with slight excess so that the surfaces appear slightly moist. Less absorbent wood types require less application compared to more absorbent timber.

Subsequent coating

The product can be coated with both water- and solvent-based ADLER furniture coatings. For light stain shades and color tones, we generally recommend the use of lightfast varnishes such as Bluefin Resist, Aduro Legnopur. When using non-lightfast types of paint, it can be expected that the final color will appear slightly yellowish; this effect increases with aging.

For white stained surfaces we recommend to apply additionally one layer of Legnopur, tinted with 1.0 % up to a max. of 3.0 % Solva-Tint Polarweiß (9035040114). Alternatively, a water-based furniture varnish such as Bluefin Top-Antiscratch, tinted with 1.0 to max. 3.0 % Aqua-Tint Polarweiß (9009040114), can be used. Avoid overlapping when spraying!

ORDERING INFORMATION

Size of trading unit

1l, 5 l

Colour shades / Glosslevels

Standard colour(s):
Basis Gelb (1008040790)
Basis Rot (1008040791)
Basis Schwarz (1008040792)
Jupiter (1008040793)
Mars (1008040794)
Neptun (1008040795)
Venus (1008040796)
Saturn (1008040797)

Brightener

Maximum quantity added: 1 (stain) : 30 (brightener)
Arova Neosol Farblos (1008400100)
Water (drinking quality)

Stain concentrates

Maximum addition quantity: 10 % on stain
Arova Solva-Toner F Blau, Hochkonzentriert (89808)
Arova Solva-Toner P Weiß, für Neosol (89809)

The basic stains can be mixed with each other and, if required, diluted with Arova Neosol Farblos (1008400100) or with water up to a maximum mixing ratio of 1 : 30 - just like the standard colour shades (ready-made stains).

Prior to applying the stain and the coating, you should always stain a sample on the original wood and treat it with the intended coating material in order to assess the final colour shade. Only use stains from the same batch for a commission.

Supplementary products

Aduro Legnopur (2513)
Aduro Primer (2523)
Aqua-Tint Polarweiß (9009040114)
Arova Solva-Toner F Blau, Hochkonzentriert (89808)
Arova Solva-Toner P Weiß, für Neosol (89809)
Bluefin Resist (2963)
Solva-Tint Polarweiß (9035040114)
Waschverdünner 8501 (8501)

Please refer to the corresponding technical data sheets of the products.

PACHE sarl

Pache SARL - 64 Route de Gravin, 74300 Magland
04 50 89 57 17 contact@pache-adler.fr
www.pache-adler.fr

FURTHER DETAILS

Durability / storage

Min. 1 year(s) in the original sealed containers.

Water-free mixtures: at least 3 months; Staining/water mixtures: max. 1 month. If bacterially contaminated water is used, the storability of the mixture is affected.

Cool, but frost-free.

Close opened containers well and use up the content as soon as possible.

Safety information

The product is only suitable for the industrial and professional use.

The inhalation of paint aerosols during spray application must generally be avoided. This is ensured by the proper use of a respirator (combination filter A2/P2).

Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com.**

PACHE sarl