# AURO COLOURS FOR LIFE Woodstain, coloured No. 560 und COLOURS FOR LIFE Woodstain, transparent No. 560-01

**Technical Data Sheet**

**Type of material:**
- Environmentally-friendly, water-thinnable, transparent wood coating for interior and exterior use
- Medium gloss, solvent-free, contains no wood preservatives
- Consistently ecological raw material selection
- Available in transparent (560-01) and 64 other colour shades (see COLOURS FOR LIFE Woodstain No. 560 colour fan or www.auro.de/en)

**Intended purpose:**
- For transparent and coloured design
- For diffusible protection for wood and wood-based materials
- To achieve the required layer thickness in exterior area as well as the colour shade/covering power, apply at least twice (colourless at least 3 times); per application with approx. 0.06 to 0.09 l/m².

**Technical properties:**
- Tested in accordance with DIN EN 71 Part 3, “Safe for toys”
- Tested in accordance with DIN 53160, “Saliva and sweat-proof”

**Composition:** Water, Decovery®, titanium dioxide*, mineral fillers, silicic acid, cellulose, surfactants made of rapeseed- and castor oil, silicates, liquid ammonia, benzisothiazolinone, sodium pyrithione**.** Current full declaration on www.auro.de/en.
** Varies depending on shade*

**Colour shades:** Colour shade selection via the colour fan COLOURS FOR LIFE Woodstain No. 560 from 65 colour shades, which you can also find on www.auro.de/en. Depending on the type of wood (e.g., grain, inherent colouring) / substrate, AURO No. 560 may have a different effect in terms of colour, so a test coat is recommended. After application, differences in colour shade are not accepted as a complaint. For technical reasons, a slight colour deviation may occur when mixing the same colour shades on different machines. For mixtures in the COLOURS FOR LIFE system, the guidelines of the BFS leaflet No. 25 "Guidelines for the assessment of colour matches and colour deviations" apply.

**Application method:**
Brushing, rolling (synthetic or mixed-fibre brushes, fine-pore foam rollers, short-pile finishing rollers). AURO offers an assortment of high-grade tools on www.auro.de/en. The product can also be applied by spraying (high pressure, mist-reduced, airmix). Tested with Wagner SF23Plus and pistol Vector Grip. Nozzle type FineFinish TT3, nozzle size 410, gun filter red. Spray pressure 100 bar.

**Drying time at 23°C/ 50% relative humidity:**
Dust dries after approximately 2 hours, workable after approximately 6 hours, curing time approximately 24 hours.

**Density**: 1.02 - 1.1 g/cm³, depending on colour shade.

**Thinner:** Product is ready for use, can be diluted with max. 5% water for priming.

**Consumption rate:** 0.06 – 0.09 l/m² per coat, corresponds to approx. 70-90 µm wet layer, on smooth, evenly absorbent substrates. Consumption rates depend on substrate, processing method, surface quality. Determine exact consumption on sample.

**Cleaning of tools:** Immediately after use remove product residues from the tools by brushing out and wash with water. Remove stubborn product residues by soaking the tools for longer periods in soap solution (AURO Plant Soap No. 411*) and wash thoroughly with water.

**Storage stability:** At 18° C in unopened original container: 24 months.

**Packaging material**: Tinplate.

**Disposal:** Return completely emptied containers for recycling. Only dried product residues can be disposed of as dried paint or with the household waste. Liquid residues: EWC code 080120, designation: paints, lacquers.

**Attention:**
Product code: BSW10, coating materials, water-based, low in preservatives. Observe standard protective measures, e.g., provide for sufficient skin protection and ventilation during the application. Observe the information on the safe handling of the product, on labelling and hazardous substances contained in the Safety Data Sheet (download from www.auro.de/en) and on the product label. **Hazard class**: Does not apply.
**EU VOC value** according to 2004/42/EC II A (dWb): 130 g/l (2010). Product VOC: <= 1 g/l.

# Technical recommendations for application
# AURO COLOURS FOR LIFE Woodstain No. 560 and transparent No. 560-01

**1. SUBSTRATE**

**1.1 Suitable substrates:** For interior and exterior: Wood, wood-based materials. **Not suited** for floors and for wood with soil contact. Observe constructive wood protection. Also **not suited** for level surfaces durably exposed to water or surfaces under strong mechanical load.

**1.2 General substrate requirements:** The substrate must be clean, load-bearing and free from separating or bleeding substances. Test woods rich in ingredients and resins, e.g. larch, for drying problems by applying a test coat!

**2. COATING SYSTEM (FIRST COAT OF UNTREATED WOOD AND WOOD-BASED MATERIALS)**

**2.1 Substrate preparation:** Round off edges, clean the substrate, roughen (wear a dust mask), remove dust thoroughly. For high-quality surfaces on smooth woods, first wet with sponge, allow to dry, sand finely with the grain, brush out pores, remove all dust and clean. Use only rust-free grinding agents. Wood rich in active substances and resin, tropical woods: wash with alcohol thinner and repeat fine sanding. Remove any substances that come out of the wood such as resin or resin galls; remove damaged wood; seal open wood composites. Wood based materials: seal off the edges watertight.

**2.2 Basic treatment:**

Stir product well before application. **Wood rich in ingredients and highly absorbent woods** should be primed with the transparent (560-01) or the respective tinted Woodstain (diluted with up to 5% water). Prime boron salt-treated and boiler pressure impregnated woods with AURO No. 510* to prevent efflorescence. **Other woods** can be coated directly with the product (see final treatment).

**2.3 Final treatment**

- Primed woods at least twice and other woods directly twice with AURO No. 560.
- Depending on the substrate and surface quality, it is recommended to sand lightly with fine sandpaper or sanding pad (220 grain) and remove dust between the individual coats without damaging the edges.
- For higher protection, a third coat can be applied, transparent Woodstain 560-01 3x on exterior and observe renovation cycles.

**3. COATING SYSTEM (RENOVATION)**

**3.1 Type of surface:** Greyed or damaged old coat (renovation)

**3.1.1 Substrate preparation:**

- Check existing substrates and old coats for adhesion and compatibility.
- Non-supporting, unsuitable old coatings, e.g., worn, greyed or heavily damaged coatings, must be completely removed down to the load-bearing wood or substrate.

**3.1.2 Follow-up treatment:** Rebuild as described under point 2.

**3.2 Substrate type:** Intact old coat (maintenance)

**3.2.1 Surface preparation:** Thoroughly clean the surface, sand it (wear a dust mask) and remove dust.

**3.2.2 Basic treatment:** Not required for intact, load-bearing and adhesive old coats.

**3.2.3 Subsequent treatment:** as described under point 2.3.

**4. CLEANING AND CARE**

Either clean surfaces with lukewarm water only or use AURO Paint and stain cleaner No. 435*. Do not use alkaline solutions (e.g., ammonia or soap solutions), strongly abrasive scouring or cleaning agents, microfibre etc.

**REMARKS**

- Stir the product well before use. Differences in gloss level, reduction in gloss under load, as well as batch-related differences in colour (BFS No. 25) are not product defects.
- Check substrate for suitability and compatibility before applying the product. If a substrate check is not possible, remove the old coating completely down to the raw wood or the intact substrate.
- During application, avoid direct sunlight, moisture and dirt during drying.
- Application temperature min. 10 °C, max. 30 °C, max. 85% rel. humidity, optimum 20-23 °C, 50-65% rel. humidity.
- Wood moisture: max. 12% for hardwood, 15% for softwood.
- Apply subsequent coats quickly according to the coating build-up after complete drying.
- Do not expose incompletely finished coats to prolonged weathering.

For optimal, durable protection, check surfaces regularly at least once a year and repair damage immediately. Early maintenance and renovation work promotes durability. Only use sealants and adhesive tapes that are compatible with AURO products. Carry out the same treatment sequence on the inside and outside of windows and doors. Check the seal of the glazing for proper functioning and replace if necessary. Allow window coatings to dry completely before closing windows. All coating work must be adapted to the object and its use. In particular, observe: Technical Guidelines No. 20 of the BFS (Federal Committee for Paint and Material Value Protection), info sheet "Das Thema" - Checklist Pro Holzfenster at www.auro.de/en.

* See respective Technical Data Sheets.

The Technical Data Sheet gives recommendations and examples of possible use. No liability or other legal responsibility can be derived. Use of the advice does not create any legal relationship. The information provided is based on our present knowledge and does not exempt the user from his personal responsibility. The respective state-of-the-art practices must be observed when implementing coating work and the required preparations. The conditions on site and the product's suitability must be checked appropriately and professionally. With publication of a new edition this technical data sheet is no longer valid. Status: 14.03.2023

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