

Technical Data Sheet

FF310
Care Seal NW

Product description

Acid catalysed, non wetting sealer for woods like beech, birch, pine. Contains UV-absorber. Good sanding properties. Slightly white tinted to help against yellowing of light wood.

Product data

| | | | |
|-----------------------------|----------|------------------------|---|
| Gloss: | N/A | Gardner 60° | |
| Solid content: | 22 ±1 | [weight %] theoretical | |
| Specific gravity: | 920 ±30 | [kg/m³] | |
| Viscosity: | 55-60 | [s] DIN 4 | test performed at 23 °C |
| Frost sensitive: | No | | |
| Storing: | 6 months | At 0-30 °C | Storing at higher temperature reduces shelf life, do not expose to direct sunlight To achieve the best result and consistency follow the application and surface temperatures given in Schedule of Application for each specific technology and production line. |
| Process Temperature: | 18-30 °C | | |

Mixing/Application

| Recommended application method | Hardener | Amount hardener [Parts by vol] | Dilutant | Application viscosity [s] DIN 4 | Application amount [g/m²] | Notes |
|--------------------------------|----------------|--------------------------------|----------|---------------------------------|---------------------------|--|
| Air mix spraying | DV309 | 4 | DT890 | 20-30 | 80-120 | Hardener added to 100 vol parts of paint |
| Stir well before use! | | | | | | |
| Cleaning: | NT019 DT890 | | | | | |

Drying

| Method | Drying condition | Drying time | Notes |
|---------------|------------------|-------------|----------------------------|
| Air Drying | 20 °C | 16-20 h | Depends on amounts applied |
| Forced drying | 50 °C | 40-60 min | Depends on amounts applied |

All kind of drying requires good ventilation and circulation
Do not stack before surface temperature below 30 °C

Curing

| UV-dose | Min UV dose [mJ/cm²] | Rec min Peak. [mW/cm²] | Min UV dose [mJ/cm²] | Rec min Peak. [mW/cm²] |
|------------------|-----------------------|------------------------|-----------------------|------------------------|
| | Hg lamps (280-320 nm) | Hg | Ga lamps (390-450 nm) | Ga |
| Full cure | N/A | | N/A | |
| Semi cure | N/A | | N/A | |

Note - Required Peak/Energy is depending on several factors, such as substrate, amount of application, number of layers and type of UV oven / reflectors. Recommended application amounts and Peak/Energy values will be stated in the finishing instruction/process control submitted by technician.

General information

According to Swedish legislation we provide information regarding dangerous materials. The Safety Data Sheet contains facts about the components, primarily solvents and acids which present the dangerous characteristics. The Safety Data Sheet will be sent on request. All values and recommendations above are to be considered as guidance only. Many factors beyond our control may have an influence on the coating result. Should a problem arise, please contact us and we will advise accordingly. We reserve the right to alter the above specifications.

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