

GREENWOOD

FINISHES AND COLORS GREENWOOD

Solarium (for Indoor and Outdoor applications)

14S Bianco



12S Miele



21S Tabacco



23S Terra di Siena



31S Ebano



32S Wengè



16S Taupe



33S Aubergine



10S Caffè Bogotà



13S Myanmar



Loft (for Indoor and Outdoor applications)

14L Bianco



12L Miele



21L Tabacco



23L Terra di Siena



31L Ebano



32L Wengè



16L Taupe



33L Aubergine



10L Caffè Bogotà



13L Myanmar



Colors and textures shown are purely indicative. Check every time a real sample for approval. Considering the presence of natural wood fibers, colors may vary from batch to batch.

SRI (Solar Reflectance Index)

The SRI index is a value that is attributed to some building materials and takes into account both the material's ability to reflect solar radiation and the ability to emit solar radiation absorbed as thermal radiation.

PURPOSE OF THE TEST

The steady-state temperature "Ts" and solar reflection index "SRI" were determined in accordance with standard ASTM E1980 - 11 (Approach 1) for three convective coefficients (rate of heat transfer) "h_c":

- h_c = 5 W/(m² * K) corresponding to low-wind conditions (0 to 2 m/s);
- h_c = 12 W/(m² * K) corresponding to medium-wind conditions (2 to 6 m/s);
- h_c = 30 W/(m² * K) corresponding to high-wind conditions (6 to 10 m/s);

sample	Solar reflection index SRI		
	h _c = 5 W/(m ² *K)	h _c = 12 W/(m ² *K)	h _c = 30 W/(m ² *K)
Greendeck Bianco Loft	82,4	82,5	82,5
Greendeck Miele Loft	32,6	32,4	32,1
Greendeck Miele Solarium	16,4	15,7	14,9
Greendeck Taupe Loft	35,9	36,5	36,7
Woodn Beige Sahara	36,6	36,9	36,9
Woodn Sinai	47,9	48,0	47,8

GENERAL INSTALLATION INSTRUCTIONS

Key points to be followed before and during the installation process:

- Store the material on a flat surface providing for a stable support on the whole surface, in a dry, clean area, protected from frost and direct sun light.
- Before starting the installation, carefully check the material and notify immediately of any manufacturing issues. Complaints will not be accepted after installation.
- Before starting the installation, check project's drawings (or shop drawings if provided) and the correspondence of the received material against the packing list.
- Acclimate the material in stock to the temperature of the jobsite for at least 48 hours prior to installation.
- The installation temperature must be higher than 0 °C.
- Do not cover the product with sheets made with non-breathable material (nylon, polyethylene and similar materials). For this purpose it is advisable to use breathable material such as painter felt sheets.
- The accumulation of electrostatic charges is a natural phenomenon commonly found in plastic materials, and under exceptional environmental conditions this may also occur in Greenwood products.
- Profiles shall be handled with care in order to prevent damages. It is recommended to lift the profiles on the whole length during displacement and not make them slide on top of each other. Always use clean fabric gloves when handling profiles.
- Prevent the formation of dirt on and between profiles; in particular, make sure that mechanical processes carried out on other materials, near Greenwood products, do not determine the accumulation of chips or dust of any kinds. During the installation/assembly phase do not apply any label or sticker; if already applied, please remove immediately after installation. Immediately remove major stains such as paint, concrete or tar residues.
- For cleaning and maintenance instructions refer to page 121. The WoodN Industries warranty will be rendered null and void in the event of incorrect or improper handling, cleaning and maintenance.

EXPANSION GAP BETWEEN ADJACENT PROFILES AND WALLS

The composite wood being subject to limited expansion, due to temperature changes and limited water absorption, there must be maintained a lateral distance of around 5 mm between individual boards. This distance is provided automatically by the use of the clip which at the same time carries out the functions of template and spacer during fixing operations.

The heads of the boards must always rest on a substructure. The clips should be positioned in line with the substructure profile to fix both ends of the boards.

Maintain distances of 20-30 mm from the rigid structures present in the vicinity of the decking. In the head joints there must be a distance between the boards of 6-7 mm (for 2000 mm long pieces) which must be increased as the length of the boards increases.

A distance of 11 mm must also be maintained for direction changes.

WARNING: For correct installation, every piece of board (including those shorter than 500 mm) must always be supported and fixed to the substructure in at least 3 points. This is to ensure durability over time.

TOOLS REQUIRED FOR INSTALLATION:

- Impact drill
- Electric screwdriver
- Electric saw
- Rubber mallet
- Various materials for tracing purpose

WOODN GREENWOOD SRL

Registered office:

Sestiere San Marco, 3829 - 30124 Venezia (VE), ITALY

Headquarter:

Via Ippolito Caffi, 17 - 32100 Belluno (BL), ITALY

tel: +39 049 89.60.706

sales@woodn.com

Production site:

Strada Scudetto, 9 - 31100 - Treviso (TV), ITALY

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