

# CHROMA™

## Global Flooring Solutions

**Important Information before you begin - This document should be read in conjunction with our maintenance guide**

Carefully inspect **ALL** materials on receipt and again prior to installation for any defects. Materials installed with visible defects are not covered under warranty. You should also remember that Wood is a natural product that can vary in colour, grain, and variations in planks are to be expected so please inspect fully. Please full inspect the product and ensure that it is the expected colour, finish, style and quality on delivery and PRIOR to installation.

### **Pre-Installation and Site Conditions**

Fully ensure that the site conditions and subfloor are environmentally and structurally acceptable prior to installation of any Chroma Dennebos flooring.

Subfloors must be clean and free of dirt, curing compounds, sealers, drywall mud, paint, wax, grease, urethane, or any other materials which may affect the products or adhesives used to install the Chroma Dennebos flooring.

Test wood subfloors for moisture content using a pin type moisture meter. Take readings of the subfloor with a minimum of 20 readings per 80-100m<sup>2</sup>. Please record and note all readings prior to installation, and note against BS/generally accepted standards.

Test moisture content of concrete subfloors with a calcium chloride test, or similar approved, prior to installation. Again, check and ensure within accepted limits.

Unpack each pallet and inspect material for colour, finishing and grade – we also recommend that you open and work from a mix of product at once to help to achieve a uniform appearance across the whole floor.

Lay out the floor to ensure the random length boards work well and are aesthetically pleasing within the space.

Variations in subfloor level of more than 2mm in 1m should be addressed

Subfloors with direct contact to soil, or similar, or sections which are over unheated rooms/access areas/crawl spaces, or the like, or with increased heat or humidity should with the assistance of skilled advice in regard to extra protection against moisture.

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### **Application**

Chroma Dennebos engineered floor boards should be stuck directly to an appropriate sub floor. The tongue and groove profile makes the installation simple, safe and durable. Our engineered floors are compatible with installation on water-circulated underfloor heating systems.

### **Ambient Conditions**

All rooms should be heated as normal during installation (minimum 18 degrees centigrade), with a relative humidity between 40% and 60%. Please test and record your findings prior to, during, and post installation. At least three readings at each time of the above should be recorded. The correct relative humidity should be maintained throughout, and after installation. High temperatures from open fireplaces or similar are to be avoided, and rugs, etc over water heated flooring systems may lead to unacceptably high temperatures at floor level as a result of limited heat escape.

Chroma Dennebos flooring should be allowed at least 48 hours to acclimatise, PRIOR, in the location where it is set to be installed with each of the above criteria met.

### **Normal Installation Settings**

The absolute maximum allowable moisture content on a dry weight basis is; 1.8% for a concrete subfloor, and 0.3% for an anhydrous screed subfloor. Please see above in regard to ensuring this is thoroughly tested PRIOR to installation.

Please contact Chroma for adhesive advice – you will be put in touch with our recommended adhesive supplier who will visit site, survey, and recommend the best adhesive for your installation.

### **Underfloor Heating Considerations**

The maximum allowable heat output is 55W/m<sup>2</sup> – this must be evenly distributed over the entire surface of the floor with surface temperatures not exceeding 27 degrees centigrade (see above). Allow 48 hours post install before turning on the heating system. When the heating system is turned on, it should be allowed one week to reach full heat, with temperature slowly increased daily for at least the first 7 days. Directly reaching maximum output is NOT recommended.

### **Spacing**

Wood as a natural material can react to changes in humidity, it is therefore imperative that these levels are kept constant and within the above defined parameters. In addition, a gap, filled with spacers, of circa 10-15mm should be allowed at the edges of the floor during installation.

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### **Installation**

A simple way to understand the installation method is to relate it to words on a page. Each board is a 'word', starting in the top left of the room. Start at the top left, with the groove against the wall and progress to link, board by board along the first line together. The last board should be perfect fitted with the parquet tool to ensure a quality finish in conjunction with the wood spacers detailed above. The wood floor should be shaped, where necessary, by a skilled worker, to ensure an aesthetically pleasing finish with walls, etc. Perfect alignment is necessary to ensure a good installation.

Apply the finishing oil and leave to dry for 48 hours. During this drying stage never cover the flooring with protection.

NOTE: never strike a rubber mallet or hammer directly on to the flooring to engage the tongue- and – groove system. This malpractice can damage the flooring, and or, finish.

Following installation, we suggest that at least a minimum of 24 hours be allowed to pass before foot traffic takes place – with 48-72 hours being ideal.