

## All of our Hydrolock<sup>®</sup> T&G panels are now manufactured using Medite Exterior MDF

### *What is Exterior MDF?*

The new core material is manufactured by Medite and is an exterior grade, high performance MDF, which has undergone rigorous testing to withstand extreme exterior conditions.

Medite Exterior also meets the requirements of class D4 (durability category) of BS 4965, making it suitable for use as a substrate for decorative laminate in areas of frequent, prolonged exposure to running or condensed water. These credentials make it perfect for use in interiors with wet and humid conditions such as bathrooms.

As well as the testing conducted by Medite, to ensure we maintain the same high standards of product quality we set, our quality team have also rigorously tested the finished panels.

### **Benefits of Exterior MDF**



Sustainably Sourced



Durable



Strong



Lower Environmental  
Impact



Consistent Surface  
Flatness



Highly  
Versatile

### *Why Change?*

Our decision, and the subsequent sanctions on Russian timber, has drastically reduced the availability of sustainably produced, Forest Stewardship Council (FSC) approved Birch plywood to such an extent, that we were unable to source the volume required to produce Multipanel.

Our supply chain and quality teams began work in January to find an alternative core that performed as well as 7 ply Birch plywood. This included testing 5 ply and Poplar plywood, neither of which were suitable for our Hydrolock system due to the variation in surface flatness and density.

Our extensive research and testing lead us to select Medite Exterior MDF as our new core material, as not only did it meet our sustainability criteria, it also provided us with the surface consistency we need to ensure the performance of our panels remains unchanged.

## Medite Exterior MDF – Quick Facts

- Designed specifically for use in a wide range of external applications and has been tested to withstand exposure to extreme weather conditions
- Consistency of surface thickness makes it perfect for bonding to our decorative laminate surfaces
- Class 4 durability makes it perfect for areas of frequent prolonged exposure to running or condensed water
- Has greater moisture resistance and doesn't emit Formaldehyde when compared to moisture resistant (MR) MDF
- No added Formaldehyde (NAF) makes it safer to cut indoors
- Higher density compared to moisture resistant (MR) MDF & Birch plywood, giving a cleaner, more accurate cut
- FSC & PEFC accredited, ensuring sustainability standards are maintained

### *Sustainability Credentials*

Aside from the high performance of the material, it is also produced much closer to home, providing excellent sustainability benefits along with increased security of supply.

Medite Exterior is manufactured in the Republic of Ireland from forests which have FSC and PEFC accreditation, ensuring that the materials used come from well-managed forests where there are systems in place designed to protect the natural environment.

Exterior grade is manufactured using an MDI resin which unlike the resin used in standard and Moisture Resistant grades does not contain any added Formaldehyde.



The mark of  
responsible forestry



By buying Multipanel® you help to  
take care of the world's forests