

XSCAPE SOLID DECKING

INSTALLATION INSTRUCTIONS

The appearance of this product changes when viewed from difference ends. To achieve the most consistent colour, install all the boards in the same direction using the product end tags as a point of reference or install all of the boards with the arrows on the product stickers pointing in the same direction. Installing boards in opposing directions will create contrasting light and dark shades of the deck board colour and is not covered under warranty.

Prior to construction, check with your local regulatory agency for special code requirements in your area. For best results, follow these simple installation instructions, paying close attention to gapping, spacing and fastener requirements.

JOIST SPAN

16" on-centre for residential perpendicular applications. Residential parquet patterns and diagonal or herringbone designs all require joist spacing 12" on-centre. Contact Havwoods Product support on **+44 (0)1524 737 000** for commercial applications.

SIDE GAPPING: ¼"

END TO END SPACING

Allow a minimum of ⅛" gap between ends for every 20°F of difference between installation temperature and the hottest temperature expected (See Figure 1). Additional blocking may be needed for support (see Figure 2). Allow ¼" distance between all decking material and any permanent structure or post. After all of the decking has been attached, snap a chalk line (white or yellow chalk recommended) flush with or up to 1-/2" out from the deck framing and trim with a circular saw. Xscape decking, like all wood and composite decking products, requires proper ventilation and drainage in order to ensure its longevity. When using a minimum 2 x 6 joist standing on edge and the suggested ¼" side gap, there should be a 2" clear space between the bottom edge of the joists and grade to allow for proper ventilation. Adequate drainage is also needed to prevent eater from pooling under the deck.

BOARD END TO END GAPPING REQUIREMENTS												
TEMPERATURE °F ON DAY OF INSTALLATION	WARMEST ANNUAL TEMPERATURE °F EXPECTED IN REGION											
	°F	20	30	40	50	60	70	80	90	100	110	120
	20	⅛	⅛	⅛	⅛	⅛	⅜	⅜	¼	¼	⅝	⅝
	30		⅛	⅛	⅛	⅛	⅜	⅜	¼	¼	⅝	
	40			⅛	⅛	⅛	⅜	⅜	⅜	¼	¼	
	50				⅛	⅛	⅜	⅜	⅜	⅜	¼	
	60					⅛	⅜	⅜	⅜	⅜	⅜	
	70						⅜	⅜	⅜	⅜	⅜	
	80							⅜	⅜	⅜	⅜	
	90								⅜	⅜	⅜	
	100									⅜	⅜	
	110										⅜	
	120											⅜

Figure 1



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FASTENERS

For ease of installation, we recommend using 2-1/2" corrosion-resistant, composite wood deck screws. These screws help minimize the common 'mushroom' effect that sometimes occurs when using standard fasteners. They can also reduce the amount of pre-drilling and countersinking. If using ordinary coarse thread deck screws, always pre-drill a pilot hole and countersink prior to driving screws. Screws should be driven flush with the Xscape decking surface. Do not over-tighten. Use two fasteners per deck board at each joist. For any decking where two boards meet end to end over a joist, add additional blocking (see Figure 2). Always pre-drill a pilot hole and countersink at board ends when using either composite or wood screws. Be careful not to over-tighten screws near board ends.

Pre-drill and countersink all deck screws, regardless of type, that are within 1-1/2" of the end of the deck board.

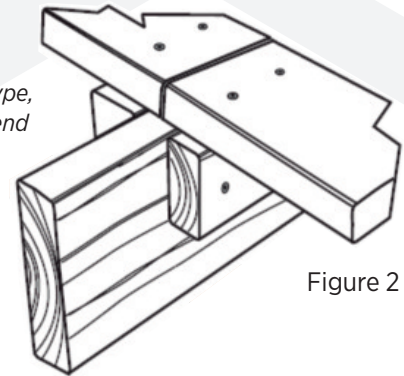


Figure 2

COLOUR VARIATION

Like most composites, Xscape decking will have colour variations from piece to piece. This is due to naturally occurring variations in wood fibres and polymers. Purchasing all required decking material at one time is recommended, as manufacturing runs can produce slightly different colours. Do not install if colour variation is not acceptable. Xscape decking will lighten over time, and colour variation is not covered by the warranty. This colour tone shift is dependent upon exposure to sunlight and other environmental factors and is generally completed in 60 to 90 days. Grey products may turn light brown before changing to lighter grey.

PREVENTING MOULD AND MILDEW GROWTH ON COMPOSITE DECKING

Mould and mildew can be a nuisance on any exterior building surface, regardless of the material. IF the conditions are right, they will spawn on wood, plastic, concrete, metal and other surfaces. Mould formation is most prevalent in consistently wet, shaded areas. Spores from the natural environment are carried by the wind and commonly land on decks surfaces. It is important to note that the appearance of mould/mildew is a function of nature, not necessarily a deficiency with any of the material on which it grows.

CLEANING

Periodic washing with soap/detergent and water will help remove surface dirt. This will also help prevent the build-up of pollen, debris and spores that can cause and accelerate mould/mildew growth. Caution: A pressure washer should not be used to blast mould/mildew or soils from a deck surface. The abrasive nature of the water stream can potentially cause damage by driving the spores into the material, which may create a more challenging problem to remediate. A pressure washer with a fan-tipped nozzle should be used only to lightly wet or rinse wood or composite deck surfaces.

There are many deck wash and exterior cleaning products available at retail. It is important to make sure you use a cleaner specifically intended for your application. After selecting a product, be certain to read, understand and follow all instructions supplied by the manufacturer. Some cleaning products and inhibitors may be more effective than others, depending on the environmental conditions your deck is subjected to. Additionally, it is always a good idea to test the cleaner in a small, inconspicuous area prior to applying it to the entire deck.



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MOULD INHIBITORS

AS with deck washes, there are several mould-inhibitor products available from paint stores, hardware stores, online outlets and home centres to help prevent long-term mould/mildew growth. For any product selected, be certain to read, understand and follow all instructions provided by the manufacturer. Depending upon the environmental factors affecting your deck, some preventive cleaning products may be more effective than others. It may be necessary to try more than one product. For ongoing preventive maintenance, follow the manufacturer's recommendation.

Xscape decking is not suitable for structural use. It should not be used for primary load-bearing members such as posts, joists, beams or stringers. The same common-sense precautions should be taken when handling Xscape as with wood or other building materials. Dust masks and eye protection devices are recommended to avoid possible irritation from sawdust and chips. Gloves will help to protect the hands. Hands should be washed after doing construction work.

The diagrams and instructions in this directive are for illustration purposes only and are not meant to replace a licenced professional. Any construction or use of the product must be in accordance with all local zoning and/or building codes. The consumer assumes all risks and liability associated with construction or use of this product. The consumer or contractor should take all necessary steps to ensure safety of everyone involved in the project, including, but not limited to, wearing the appropriate safety equipment.

EXCEPT AS CONTAINED IN THE WRITTEN LIMITED WARRANTY, THE WARRANTOR DOES NOT PROVIDE ANY OTHER WARRANTY, EITHER EXPRESS OR IMPLIED, AND SHALL NOT BE LIABLE FOR ANY DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES.