



HOBBYBOARD

The ideal material for:

Model railways

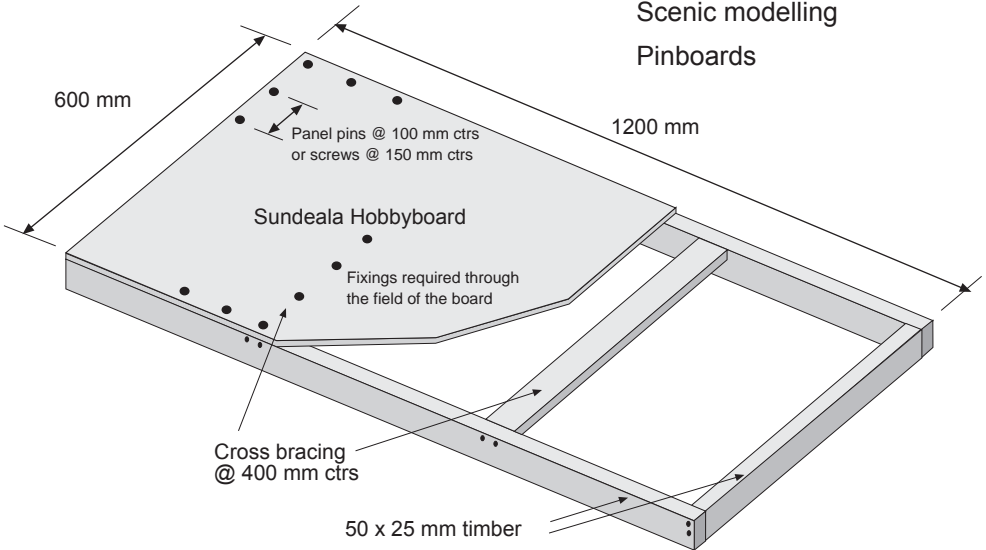
Dioramas

Toys

Model making

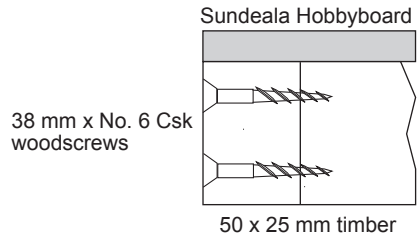
Scenic modelling

Pinboards



Sundeala Hobbyboard is the ideal material for the top surfaces of high class model railway baseboards. When correctly supported with wooden battens, it will remain flat and level under normal loading, a vital consideration if the layout is not to deteriorate badly in use. Furthermore the board will accept and retain fine track pins and small screws

The construction of a baseboard is quite straightforward. In addition to the Sundeala Hobbyboard, you require standard 50 x 25 mm prepared battens readily available from most DIY stores, 38 mm x No. 6 countersunk woodscrews, woodworking adhesive and 25 mm panel pins or countersunk screws for securing the Sundeala Hobbyboard to battens. Tools required comprise a fine tooth saw, drill with suitable bits, square, medium sized screwdriver and a light hammer.



To construct the full size 1200 x 600 mm board, you need two lengths of batten 1200 mm long, and four lengths exactly 600 mm less twice the thickness of the batten used. This must be carefully checked, since all planed timber is sold to a nominal dimension, and is appreciably smaller than the quoted size.

All cuts must be square, marked out carefully beforehand, and cut precisely. Pilot holes are drilled in the 1200 mm long timbers, as shown, and countersunk, to take the No. 6 woodscrews. Note that the cross timbers are laid horizontal, rather than vertical, and are spaced equidistant from each end.

The framing is best assembled on a level surface. All joints are liberally spread with woodworking adhesive before assembly, and checked, not merely for squareness, but for level before the screws are finally tightened home. Unless the framing is absolutely true, it will distort the Sundeala Hobbyboard.

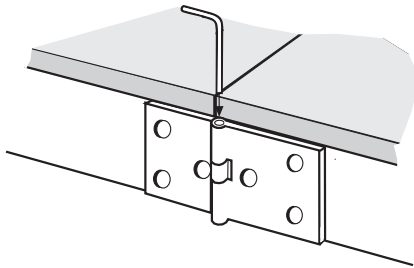
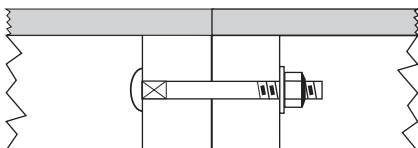
Before fixing the Sundeala Hobbyboard to the top of the frame the board should be conditioned.

Sundeala Hobbyboards are manufactured from recycled newsprint. A feature of this natural material is the ability to adjust its moisture content to match that of the environment. If the moisture content of the board is lower than that of the surrounding air, it will absorb moisture and therefore increase slightly in size.

Conditioning is achieved by mopping approx half a litre of clean water into the back of the board. To aid absorption a single drop of washing up liquid can be added to the water. Then lay horizontally wet side to wet side on a level base, within the room the boards are to be used, for approx 48 to 72 hours. The boards may be weighted to assist flatness.

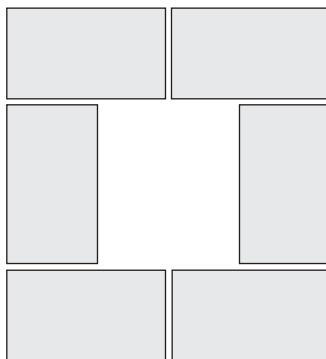
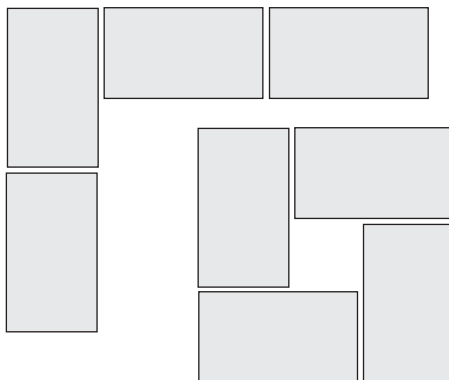
A baseboard unit 1200 x 600 mm is about the largest which can be readily transported.

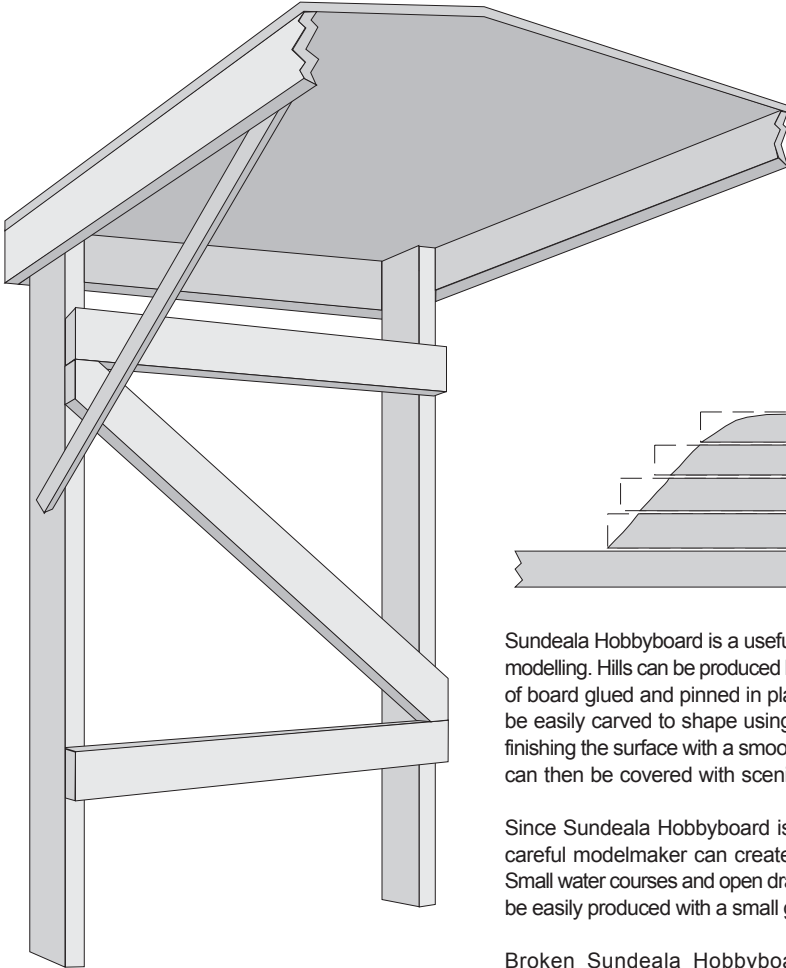
To connect the various baseboard units together, almost any convenient form of fastening can be used. Popular connections are coach bolts with either nuts or wing nuts. However, where baseboards are frequently assembled and dismantled, the half hinge joint can be used.



By filing down and punching out the hinge pin, it can be replaced with an easily removable L shaped pin made from a suitably sized round nail.

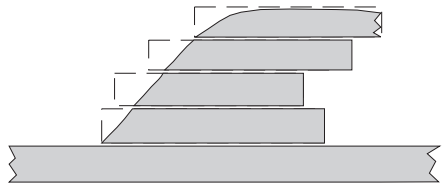
The boards can be bolted together in a variety of ways to produce a complete layout. The diagram shows a few straight forward applications, but the many permutations possible are best seen at any model railway exhibition.





There are various ways of supporting the baseboards, the most common involves simple vertical legs, with cross bracing, which are bolted to the ends of the boards.

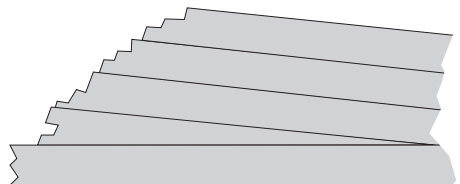
Only the initial board requires two sets of legs for all subsequent sections are supported by the leg on the adjacent board. Diagonal braces are not required on all legs, however, the end legs need stiffening, as do those nearest the main operating area. A light metal strip is probably the most convenient form of brace.

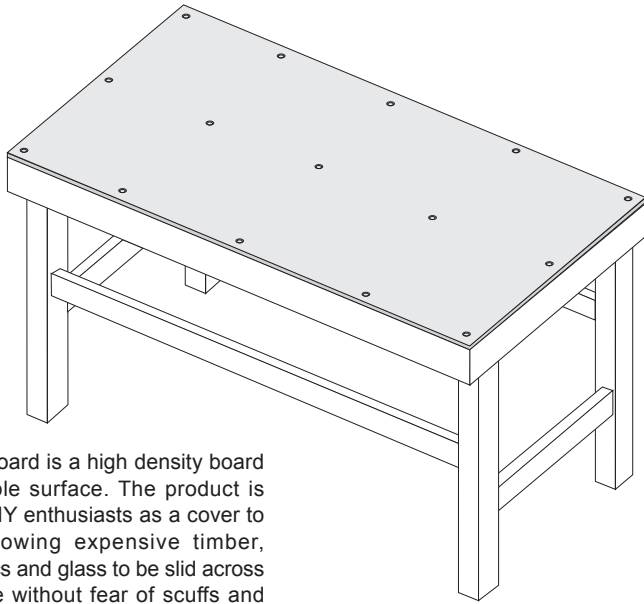


Sundeala Hobbyboard is a useful material for scenic modelling. Hills can be produced by successive layers of board glued and pinned in place. The edges can be easily carved to shape using a wide chisel, and finishing the surface with a smooth rasp. The surface can then be covered with scenic scatter materials.

Since Sundeala Hobbyboard is easily carved, the careful modelmaker can create many fine details. Small water courses and open drainage channels can be easily produced with a small gouge.

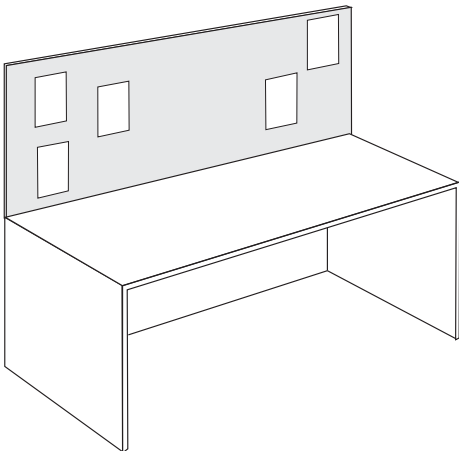
Broken Sundeala Hobbyboard is perfect for representing rock strata. The only point to watch here is that such strata is very rarely horizontal in nature, and it is advisable to arrange it on a slope





Sundeala Hobbyboard is a high density board with a soft, durable surface. The product is invaluable to all DIY enthusiasts as a cover to workbenches allowing expensive timber, laminates, ceramics and glass to be slid across the bench surface without fear of scuffs and scrapes. By screwing the boards onto the workbench surface, using countersunk screws, the Hobbyboard can be easily unscrewed and replaced when required.

Sundeala Hobbyboard is the ideal material for the production of dioramas, whether as part of a scenic model railway, or for military modelling. The product has a pleasing texture, does not need any additional framing and, as the board is manufactured from waste newsprint, is non toxic, therefore safe to use around young children.



Sundeala Hobbyboard has good pin insertion together with excellent pin retention and is the perfect material to use as a pinboard. Whether in the kitchen or study, above the desk or as a backing to the computer work station, notes and reminders can be pinned with ease.

Just as valuable is Sundeala Hobbyboard used as a backing and surround to a dartboard, especially inside the house where walls can be protected from the less skillful players!

Wherever you use Sundeala Hobbyboard please remember to condition the product first, this will help provide many years of durable use.



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