

Nav Nirman Beam Technics

Nav Nirman Beam Technics is the Leading manufacturer of H-Beams in India. It manufactures both H-16 and H-20 Beam.

H-Beam is manufactured at par with International Standards under strict quality control and quality assurance to withstand various loads during the construction activity.

These H-Beams along with the scaffolding forms a part of the Formwork system that has been in high growth due to the rise in the number of high-rise structures and mega infrastructure projects.

With contractors having less time to complete the project, a need for formwork systems and Timber H-Beams that were relatively easy to establish and dismantle was felt. So many Construction companies felt the need of the modern formwork system.

To reduce the investment cost, many Construction companies Engineer opt to go separate way i.e. purchasing Timber H-Beams from one Supplier and Scaffolding item from other. In India, there are lots of Supplier of Scaffolding item but whereas when it comes to Timber H-Beam there are very few as there is lot of Technical Knowledge required in the area of wood.

Nav Nirman Beam Technics with its experience in wood over



three decades has been the largest supplier of Timber H-Beams in India.

Products

H-Beam is a unique introduction to overcome the cumbersome and costly procurement of timber. It has been designed to withstand multiple loads during construction activities. The members are made of seasoned Ply by making the web and flange section of seasoned Pine Wood imported from Europe so as to make Timber H-Beam stronger and denser. Both the flange and web are hot processed by the wedge technology making it a composite versatile section.

Applications: It is used for Column Box, Formwork Making, Circular Column, Wall Shuttering and for Beam Span Base Support.

Salient Features: Its advantages include, Reduction in consumption of timber, minimizing work at job site, it can be reused for more than eight times than that of conventional timber, Dimensionally stable and uniform in size, Consistent in strength, Cost ratio per use, H-16 beam: conventional timber = 1:3.5, Economical and long lasting.

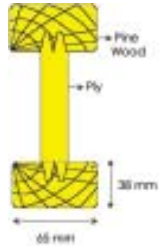
Economics: It extends life of the plywood by allowing it to be used at least 9 times to 13 times by reversing the plywood after 8 uses. It reduces the cost of Formwork making as it does not require planning, sawing and cutting. No skilled supervision is required during monitoring and making of Formwork against the conventional timber Formwork. It replaces timber procurement to the extent of 60% when viewed on the overall procurement for project execution.



Products & Technologies

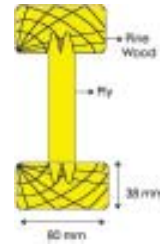
Applications of H-Beams: Its areas of applications include residential, industrial and office building construction, Water Resources Engineering, Transport Infrastructure including road and bridges, construction of stadiums and sports buildings and meeting day to day requirements of the construction industry.

H-16 Beam:
Specification:



Weight per meter : 4-4.25 per meter.
Flange Width (mm): 65
Flange Depth (mm): 38
Web thickness (mm): 22
Available Length (in cms): 120-150-180-240-300-360

H-20 Beam:
Specification:



Weight per meter: 6-6.25 per meter
Flange Width (mm): 80
Flange depth (mm): 38
Web Thickness (mm): 22
Available Length (in cms): 120-150-180-240-300-360

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