



BISON
PLANK
THE CHOICE OF SMART DESIGNERS

**OPTIMISED STRENGTH AND
CUSTOMISED BEAUTY.**



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Introducing a chance for every home to look beautiful.

Bison Planks – a world-class combination of wood and cement are perfectly bonded to provide better quality and longevity.

Bison Planks are a result of constant research and commitment to provide the best and right solutions while constructing. Trusted by architects and designers

for decades, products by Bison are reputed for their durability and cost effectiveness.

The manufacturing process of Bison Plank involves the latest technological procedures. It involves a homogenous mix formation; curing and in an eco-friendly method. Due to its ultra-modern manufacturing process, the shrinkage level of the

planks is negligible.

Whether it is traditional or post-modern, Bison Plank is the perfect solution for your architectural requirements.

This plank is structurally and dimensionally stable, and is a value added replacement for wood and other sheet materials.

These planks can be used for cladding, wall partitions,

decorative architectural elements, fencing, fascia siding etc; of your homes and offices. They can be customized to match your interiors in terms of colour and texture. They are low maintenance planks that can be easily painted and polished to blend well with your home décor.

FEATURES

Bison Plank comes to you with a host of benefits. These plank do not crack or warp or its, grain texture do not alter form for years in natural climatic conditions. It demands minimum maintenance like occasional painting and cleaning only. Bison Plank is absolutely termite and fire resistant, resistant to fungus, rat bites and free from toxic materials like asbestos. Moreover, since it combines the strength of cement and workability of wood, it offers higher level work flexibility. Weather resistance and sound insulation properties of the product make it adaptive to a wide variety of applications. Bison Plank is suitable for all sorts of residential, commercial projects as well as industrial installations.

- Durability
- Environment-friendly
- Economical
- High sound insulation
- Ease of workability
- Fire resistant
- Thermal insulation
- Weather resistance
- Insect resistance



APPLICATIONS

A perfect planking solution - Bison planks can be used for a host of applications. Their durability and maintenance free attributes make them the safest bet for both interior as well as exterior use. Based on your preferences, these planks can be painted, polished and crafted to match your decor.

Cladding



Decking



Fascia Siding



Fencing



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Wall Partitions



Ceilings



Decorative Architectural Elements



FIRE RESISTANT



WEATHER RESISTANT



TERMITE RESISTANT



SOUND INSULATION



WOOD WORKABILITY



CHEMICALLY STABLE



DIMENSIONALLY STABLE

TECHNICAL DATA

Physical Properties – Bison Plank

Density	1250 Kgs per / m ³
Moisture Content	9%+ 3 % at factory Point
Modulus of Elasticity	3000 N/mm ²
Bending Strength _q	9 N/ mm ²
Transverse Tensile Strength (Perpendicular to Surface)	0.4 N/mm ²
Compressive Strength (Perpendicular to Surface)	15 N/mm ²
Surface Alkalinity pH	Between 11 and 13
Water absorption	2 hours, Max 13% 24 hours, Max 25%
pH	11 to 13

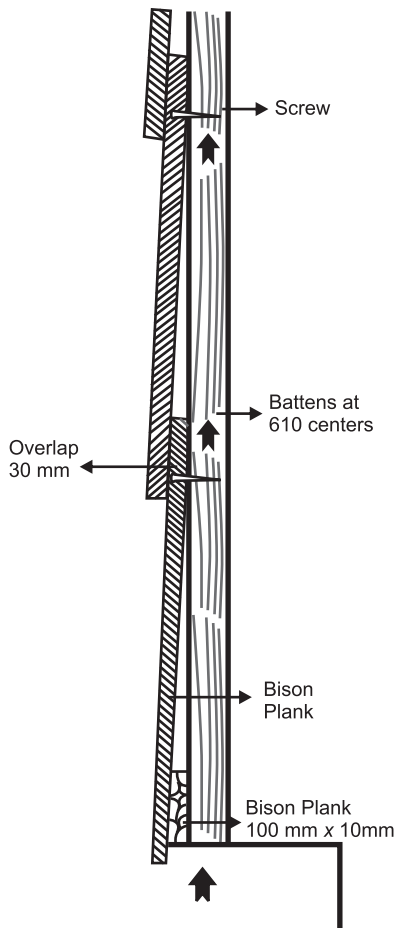
Dimensions

Thickness	Width	Length	Weight
08 mm	150 mm	2440 mm	3.81 Kgs
08 mm	200 mm	2440 mm	5.08 Kgs

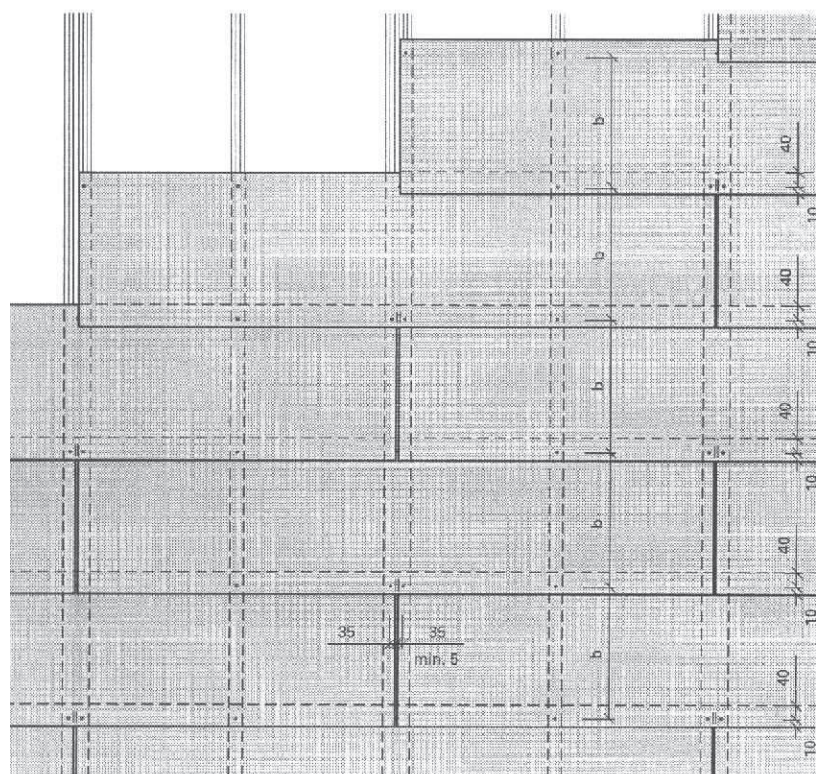
10 mm	150 mm	2440 mm	4.76 Kgs
10 mm	200 mm	2440 mm	6.34 Kgs

12 mm	150 mm	2440 mm	5.71 Kgs
12 mm	200 mm	2440 mm	7.61 Kgs

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Scheme of laying of Bison Plank for Facade Sidings



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