JACINTO COLOR STEEL, INC. PRESENTS

TUFDECK 1000

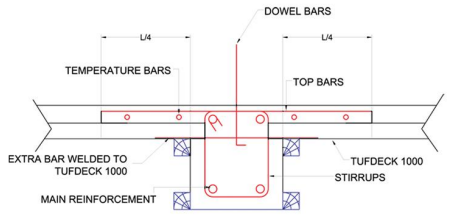
- **TOUGHEST PROFILE IN THE MARKET**
- **EFFECTIVE WIDTH OF 1000MM**

TUFDECK 1000

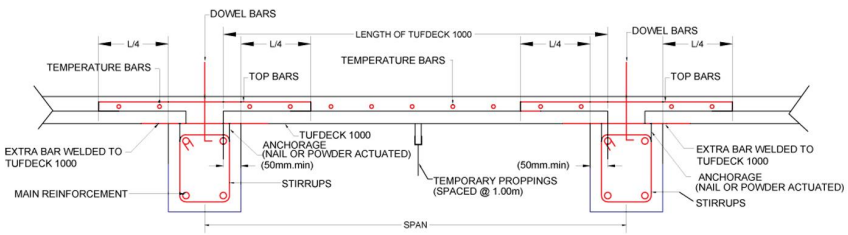
JacintoColor Steel Inc., pioneers in the Philippine steel industry for over 55 years, introduces the new TufDeck 1000, a state of the art Steel Decking profile which is structurally designed to serve the needs of our country's booming construction industry.

TufDeck 1000 is made from zinc-coated high tensile steel that delivers excellent durability and superior corrosion resistance. Our Steel Deck serves as a bottom bar reinforcement to form a composite slab and can be used in both concrete and steel frame building structures. Designed and conceptualized using Jacinto's extensive industry experience, the TufDeck 1000 has no equal in terms of strength and durability.

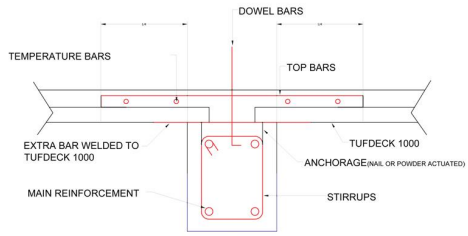
The TufDeck 1000 serves as a permanent form work which reduces the need for temporary formwork, propping, or shoring during the construction period. In effect, this reduces construction costs and saves on time. Once installed, it may also serve as a safe working platform for the execution of other trades during the construction phase.



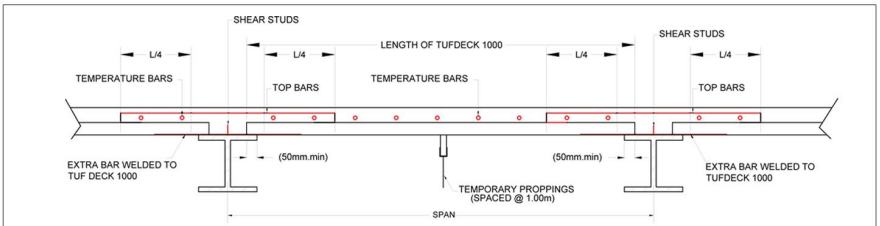
TYPICAL SLAB DETAILS MONOLITHIC DESIGN FOR CONCRETE BEAM



TYPICAL CONCRETE BEAM SECTION DETAILS



TYPICAL SLAB FOR FINISHED CONCRETE BEAM



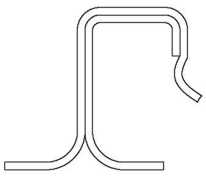
TYPICAL STEEL BEAM SECTION DETAILS

FEATURES OF TUFDECK 1000:

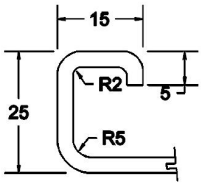
- Uses High Tensile Steel
- High Corrosion Resistant Coating
- Structurally Designed for Maximum Strength and Durability
- Possesses Positive Interlocking Design
- Easily Installed

BENEFITS OF TUFDECK 1000:

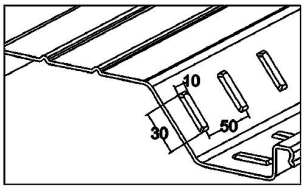
- Unparalleled Strength and Durability due to design
- Can be used both in concrete and steel frame structures
- Cost saving and quickly installed
- Design contains unique "embossments" for excellent bonding of steel and concrete

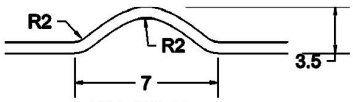


SIDE LAPPING

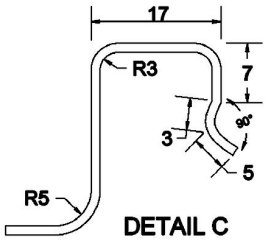


DETAIL A

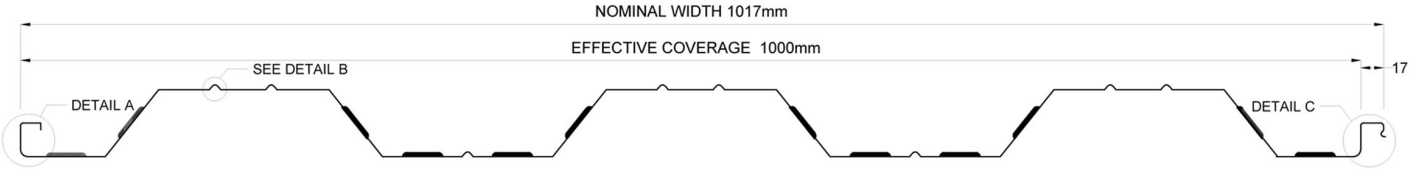




DETAIL B



DETAIL C



GENERAL PRODUCT INFORMATION:

Base Metal	: Cold Rolled Steel
Specification	: ASTM A653/A653M
Available Thickness	: 0.80mm, 1.00mm, 1.20mm, 1.40mm & 1.60mm
Effective Width	: 1,000mm
Nominal Width	: 1,017mm
Rib Height	: 50mm
Yield Strength	: 276Mpa (CG) & 550Mpa (SG)
Application	: Floor and Roof Decking
Length	: Cut-to-Length up to transportable length

Base Metal Thickness	Cross Section Area	Base Metal Weight	Moment of Inertia		Section Modulus	
(mm)	(mm2)	Area (kg/m2)	Positive Bending (mm4)	Negative Bending (mm4)	Positive Bending (mm4)	Negative Bending (mm4)
0.80	976	7.671	385063	272298	14752	8528
1.00	1220	9.589	522226	368358	20673	12000
1.20	1464	11.507	626384	470536	24831	15920
1.40	1708	13.425	721876	578678	28854	20334
1.60	1952	15.343	814595	690984	32239	25210

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JACINTO COLOR STEEL, INC.
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