

**BUILT
TO
LAST.**

Galvalume 55[®]
GALVAFRAME

**LIGHT GAUGE
FRAMING SYSTEM**



SteelFrame
PHILIPPINES, INC.



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STEEL MAKES THE DIFFERENCE.

The 1990's saw a growing concern for the environment.

Lumber became an increasingly scarce commodity. Environmentalists sounded the alarm to call the public's attention to the country's state of deforestation. Builders and conservationists alike joined the clamor for alternative, nature-friendly building solutions.

Philsteel heeded the call for responsible development with the creation of a new company, STEELFRAME PHILIPPINES, INC. in 1996.

Employing in-line highly-automated production techniques, modern, sophisticated equipment and tooling facilities, and high-strength galvanized steel, STEELFRAME produces cost-effective, mass-produced structural systems for housing projects under the Socialized Housing Project Program of the Philippine government as well as a wide array of building requirements.

Its flagship brand, GALVAFRAME House Framing System--boasting of durability, light weight, structural stability, fire resistance and economy, makes it a viable alternative to wood and other conventional framing materials. Providing architects and builders environmentally-sound solutions not available in the past.

The Steelframe plant has three production modules with a minimum capacity of 3,000 units of completed steel sets every month. Satellite plant supplement this production capacity to meet the growing demand for steel frame products that range from trusses to walling and roof decking to ceiling.

GALVAFRAME

MORE ECONOMICAL • BETTER DURABILITY • FASTER & EASIER TO INSTALL

Structural Stability

Galvaframe is the strongest building material for steel framed structures. It is made of high grade galvanized steel and meets the rigid standards of ASTM. Galvaframe won't twist or shrink...so doors won't jam, windows and cornices won't crack. Roofs will not leak because of sagging trusses or moving frames.

The Galvaframe system utilizes state-of-the-art STAAD system of computer aided structural analysis and design ensuring greater strength, quickness and easiness to erect and clad.

Long Trouble-free Life

Galvaframe requires no maintenance or expensive pest control treatments unlike lumber frames. Termites, borers and other pests can't attack the steel structure.

Safer

Because of steel's inherent strength and engineered performance quality, Galvaframe makes for a safer home. Galvaframe is resistant to fire and under stable floor conditions, is impervious to earthquakes. The Galvaframe system is engineered and approved for a range of wind speed in both cyclonic and non-cyclonic areas.

Greater Design Freedom

Practically any design and size house can be built with Galvaframe. Galvaframe's greater strength allows larger open living areas between load bearing walls. And it's compatible with other building materials, including bricks, timber and concrete. Furthermore, it is easy to expand, when the requirement dictate it.

Significant Savings

At all stages of construction, Galvaframe creates greater savings compared to lumber. It's 20% more economical than timber framing and saves you much more with its speed of installation. It saves you on maintenance for years to come. Great value at every angle!

PRE-FABRICATED FOR EASY INSTALLATION



ROOFING



FLOORING



WALLING



CEILING



SteelFrame Philippines, Incorporated

Galvalume 55[®]

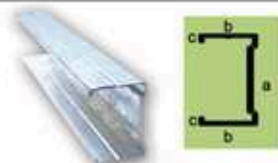
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Wall Partition

STUDS

WEB (mm)	Flange (mm)	Lip (mm)
50	32	6
64	32	6
74	32	6
94	32	6



TRACKS

WEB (mm)	Flange (mm)
51	30
65	30
75	29
95	27



Ceiling

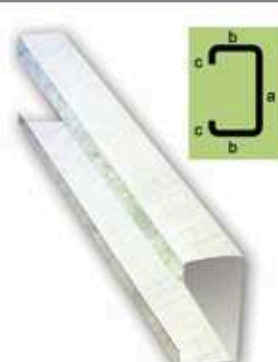
WEB (mm)	Flange (mm)	Length (m)
Double Furring Channel		
50	19	5
Single Furring Channel		
25	19	5
Carrying Channel		
38	12	5
Hat Section		
36	39	16
Carrying Channel		
35	12	5
Wall Angle		
25	25	3



Purlin / Girt / Joist / Truss Member

LC Channel

WEB (mm)	Flange (mm)	Lip (mm)
65	41	10
75	41	10
89	41	10
100	41	10
140	41	10
152	50-75	12
178	50-75	12
203	50-75	12
229	50-75	12
254	50-75	12
279	50-75	12
305	50-75	12



BC Channel

WEB (mm)	Flange (mm)
65	41
75	39
89	41
100	38
140	41
152	47
178	50
203	50
229	50
254	50
279	50
305	50

