



SMARTBUILD® Systems

The right steel framing system for strength and durability

Steel - the strongest building material available

Steel framed houses & buildings have several obvious advantages - the frame won't warp, rot, shrink, or fuel a fire.

LYSAGHT™ uses advanced computer technology that make steel framing roof and wall designs quick and well engineered.

Competitively priced, steel's structural integrity leads to lower lifetime costs because steel is easily insulated and designed to last longer.

Steel has been the lifeblood, the heart of the development of modern architecture for many aesthetic and technological reasons and framing made out of ZINCALUME® steel proves the same.

The coating on ZINCALUME® steel, which protects the frame from corrosion, has a minimum service life of 20 years (when fabricated

in accordance with good building practice) and is guaranteed to meet international standard AS 1397.

Your ZINCALUME® steel frame is precision engineered to out-perform any other method of construction.

The frames will never twist or shrink. Your walls are perfectly straight, which means doors doesn't jam, windows don't stick, and cornices don't crack the roofs don't leak because the trusses and frame are rigid.

Better by design.

No matter what style or size home or building you are planning, the benefits to you start right back at the drawing table.

With steel's great strength, you can plan for much larger open living areas between load-bearing walls, or between SMARTBUILD® system.

A steel frame is compatible with every conceivable floor, wall and ceiling interior lining material. Plasterboard, chipboard, timber paneling, floorboards...you name it, with steel the choice is yours.

Consider the strength of the argument for steel.

And unlike conventional building materials, steel is non-combustible... it won't support a fire.

That's what you call peace of mind.



SMARTBUILD®

The right choice for India's modern homes & buildings



Because the frame of your home or building dictates the strength and endurance of the finished job, the type of frame you choose is a vital decision.

The SMARTBUILD® steel house framing system is manufactured from high strength long life ZINCALUME® steel.

Lifetime cost of Steel framing is competitively priced, since its structural integrity leads to lower lifetime costs and protects the value of a building

investment.

The major benefit for the builder and owner alike is the finish and quality of the completed home. Steel house framing doesn't warp, twist, shrink or rot, therefore there is less incidence of popping nails, cracking plaster or jamming doors and windows. It also has excellent fire resistant properties and the LYSAGHT™ design system makes it easy for the trades that work on the site after the frame is erected. Pre-punched holes allow fast and simple installation of electrical and plumbing services. Fixing plasterboard, skirting boards and other interior components is also an easy process.

Steel house framing has come of age.

The SMARTBUILD® system is quick and easy to erect. Because steel frames are light enough to carry around the site, two or three people can usually erect the frame for a normal home in as little as a day. The complete sections are simply locked together and the job's done.

Strength and a long, trouble-free life are only part of the steel story. Because steel makes building

easier. The precision built frames are design engineered and prefabricated off-site and then delivered, so there are fewer weather delays.

Pre-punched holes allow electrical wiring and plumbing services to be installed quickly and efficiently. It's all planned within the frame's design. Fixing interior linings is just as simple and just as fast, using modern self-drilling, screws.

After you've moved into your new home or building, simple things like hanging pictures or heavy objects like mirrors, cupboards or an electrical appliance is easy too. Normal drills and fasteners can hang even the heaviest furnishing and fittings to the rigid steel frame.

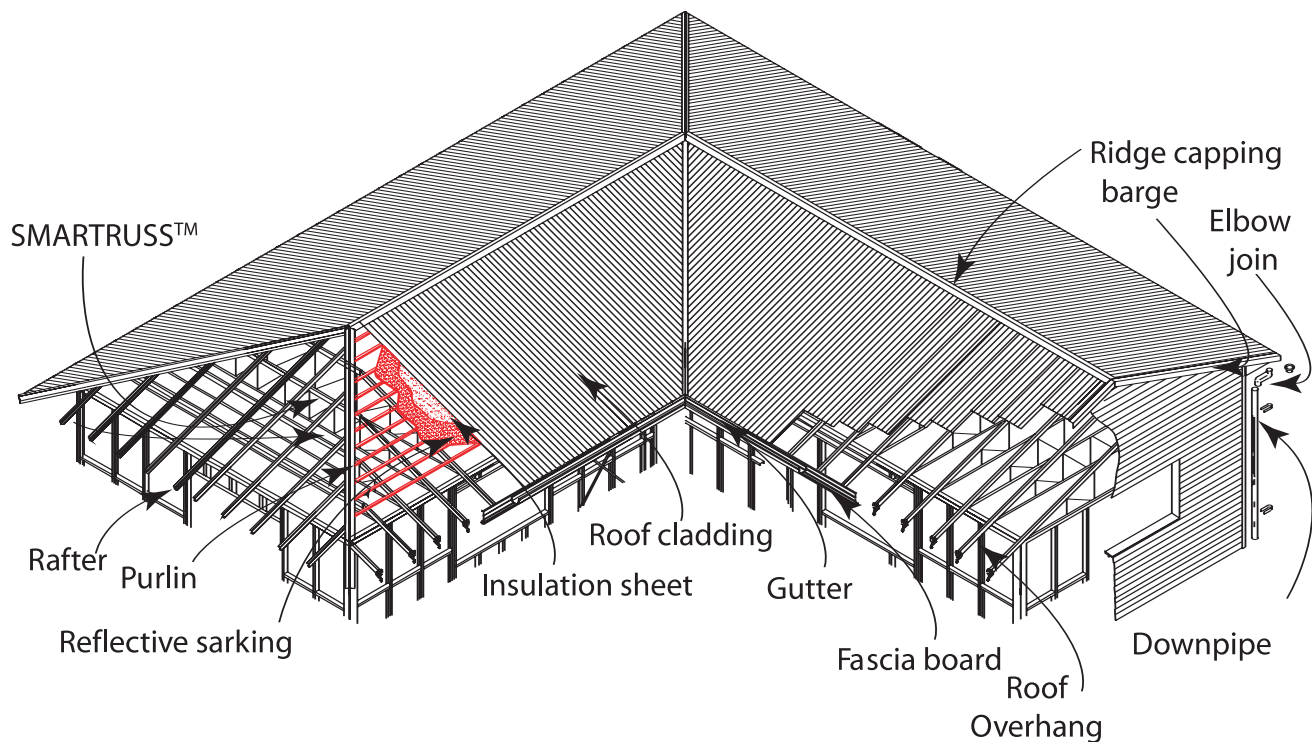
Electrically safe.

Steel framed homes & buildings are earthed at the time of erection. They easily meet all Building Standard regulations, and those of local electricity supply authorities. In fact, should an electrical fault occur, a steel frame is actually safer, because steel cannot catch fire.

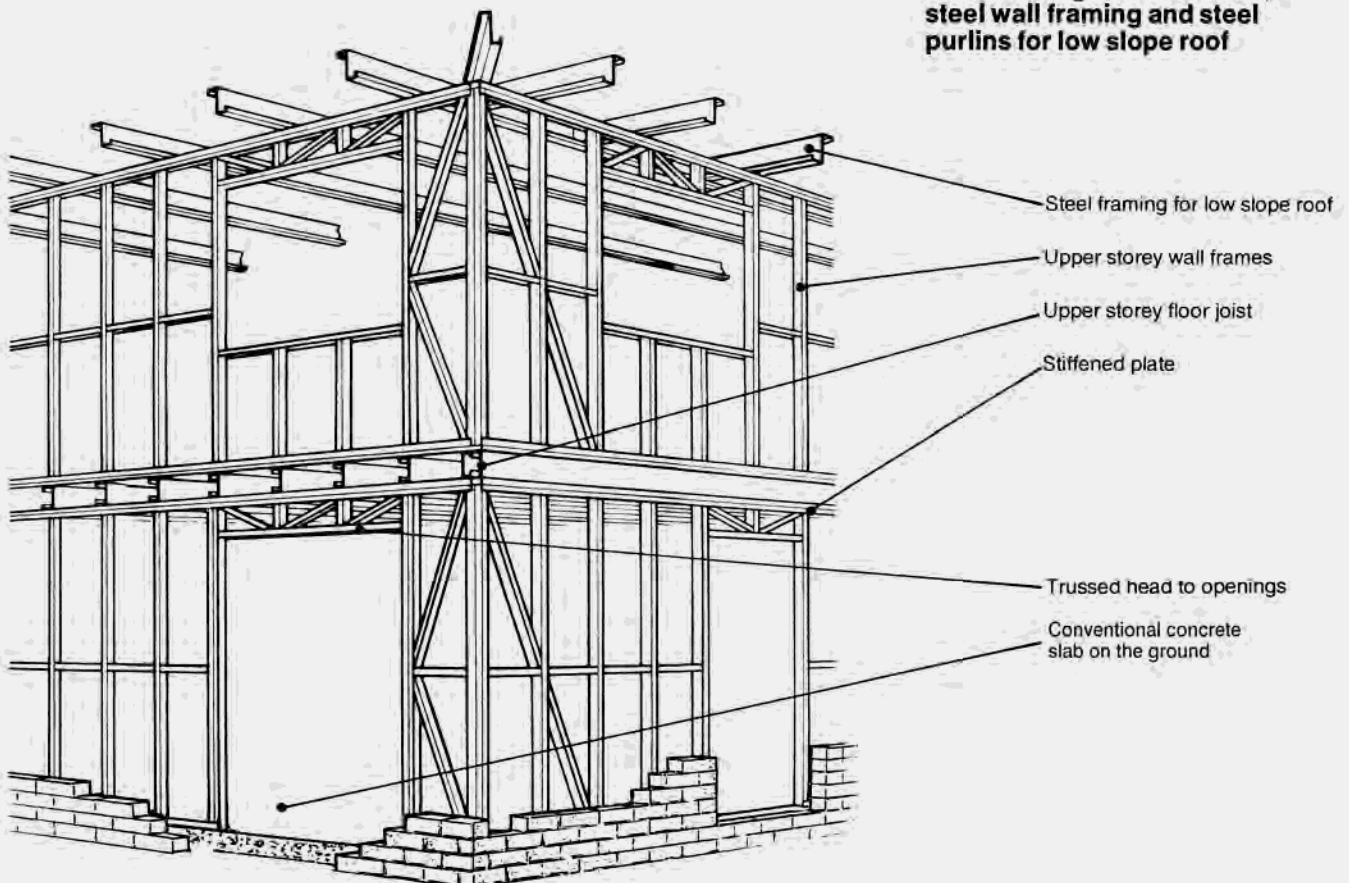


SMARTBUILD®

together they make the choice of steel ideal.



Two-storey construction showing steel framing for both floors, steel wall framing and steel purlins for low slope roof



DESIGN ADVANTAGES

- Made from high tensile ZINCALUME® steel to last longer
- The frame won't warp, rot, shrink, or fuel a fire
- Better control over Thermal Expansion & Contraction
- Advanced computer technology makes steel framing roof and wall designs quick and well engineered
- Competitively priced
- Overall lower lifetime costs
- Design virtually any domestic & commercial wall or frame system
- Steel framing is faster and quicker to install than virtually any other conventional material
- Makes it a good alternative to RCC buildings with lower build up time



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