





imisonTM
CERTIFIED CONSTRUCTION STANDARD

IMISON COMPARED WITH BRICK WALLS

Imison's walling technology offers a balance between environmentally sustainable materials and a high quality end-product.

Imison has gained recognition in the construction industry for offering the highest levels of insulation, strength, consistency and simplicity, whilst remaining cost effective.

PARTITIONING : (Refurbishment and New Buildings)	 imison TM CERTIFIED CONSTRUCTION STANDARD	
WEIGHT/M2	95 kg/m2 to 105 kg/m2	250 kg/m2 to 505 kg/m2
SPEED	Minimum 30% - 50% faster than conventional brick build.	Slow, labour intensive. Additional delays where engineering and propping of the building is required.
R- VALUE	R 3.7	R 0.5
ACOUSTIC PERFORMANCE	45 dB (Rw)	36 dB (Rw)
SAVINGS ON ENERGY COST	Up to 80%.	None, energy inefficient.
WASTE	Under 5 %	Up to 15%
MATERIAL HANDLING COST	Easily/manually moved on-site without the need for heavy lifting equipment. 50% reduction in handling costs typically associated with conventional brick build.	Requires crane handling on multi-story buildings, very labour intensive if moved manually. Requires vast storage space and security to prevent shrinkage.
P&G's	50% saving in P&G's due to significant increase in speed of delivery.	P&G's for conventional brick build averages around 10% of total build cost.
STRENGTH	40kg point load. Proven to outperform conventional brick build performance under fire from large calibre bullets.	Minimal point load. Inferior performance under fire from large calibre bullets.
DURABILITY	Moisture and damp resistant, mould resistant and rodent proof.	Absorbs moisture, inconsistency in production and plaster results in damage from tenants (door handles, moving furniture, plumbing leaks and overflowing baths).
SUSTAINABILITY & JOB CREATION	Made with recycled material. Up to 95% local and un-skilled labour can be trained on site. Panels are light and allow woman to be employed on job site.	Little or no recycled material. Requires maintenance and treatment (face brick). Skilled labour for erection and installation.
EARLY OCCUPATION	Project execution can be as much as 70% faster than with conventional brick build resulting in earlier tenant occupation, accelerated returns, increased rental income and margins.	Limited to long construction build programmes.