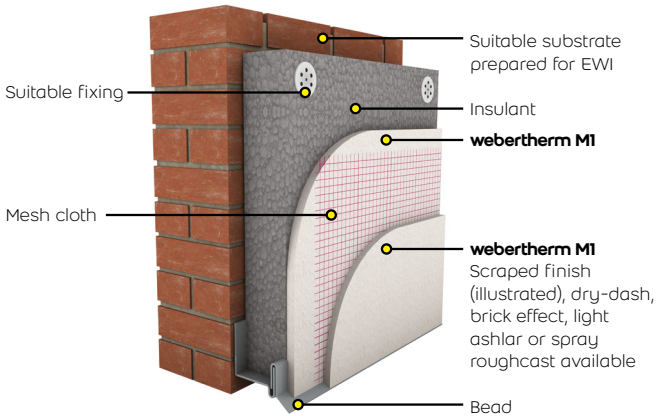


EWI Systems Explained

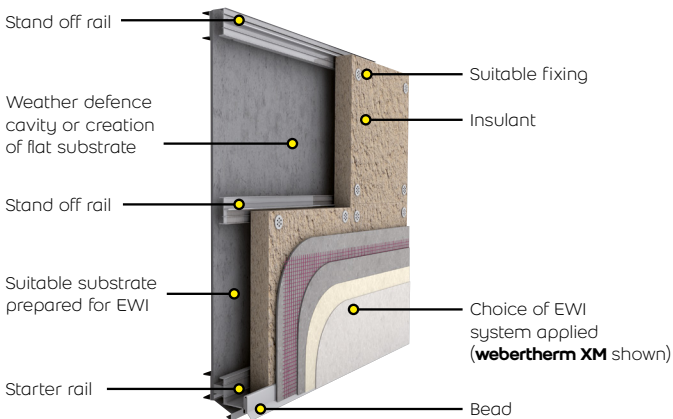
External Wall Insulation (EWI) has many advantages and easily outperforms other options in thermal performance. Simplify wall construction in the new build sector or extend the life of existing buildings by keeping the old structure warm and stable.

webertherm EWI Systems



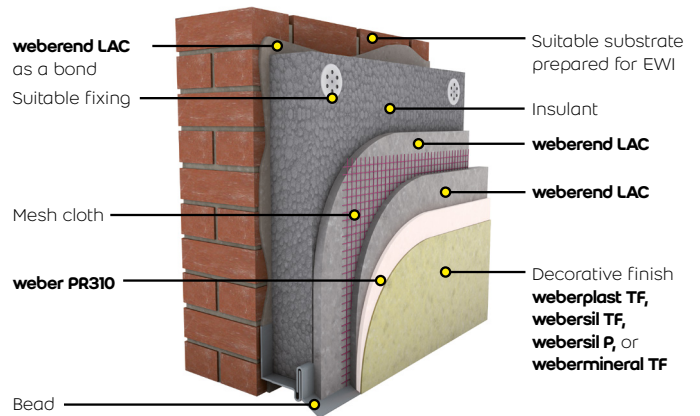
webertherm XP

Versatility, speed and simplicity are the characteristics of **webertherm XP**, the one-coat mineral render system using glass fibre mesh reinforcement is suitable for machine or hand application. Unlike traditional multicoat systems, Weber's expertise in mineral renders has resulted in a breakthrough concept – a one-coat, through-coloured mineral render which can be applied directly to all major insulation types.



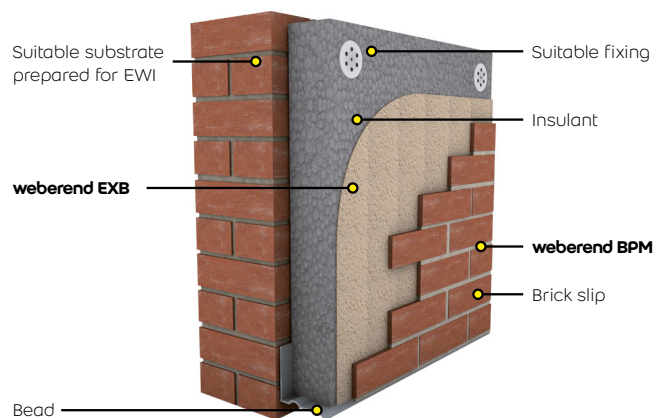
webertherm FT

Weber has developed a rail system to assist in the refurbishment of non-traditional housing types which do not have a level or flat substrate. The **webertherm FT** rails have been engineered to span thin precast panels, fixing directly into the concrete column structure. This avoids the risk of damage to the panels and ties from either direct fixing or overloading. The rails have been designed to support the EWI system and to be independent of the panel background.



webertherm XM

webertherm XM is a lightweight, thin-coat, polymer render system using glass fibre mesh reinforcement, suitable for hand application. The first coat of render is 3mm and once cured a further 3mm of render can be applied and finished in a scraped texture or with dry dash aggregate. Alternatively primer and a simple synthetic finish can be applied directly on to the cured base coat in an array of colours.





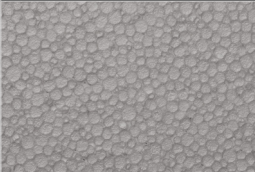
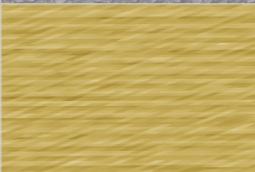
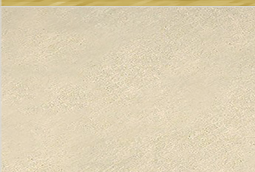




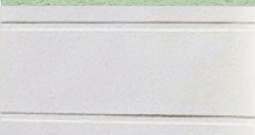
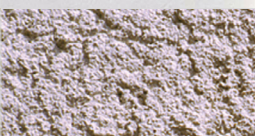


webertherm XB

webertherm XB is a system using authentic brick-slips which are attached directly to insulation and fixed using a high performance polymer mortar. The mortar joints are then recreated using **weberend BPM** pointing mortar. Special 'pistol' returns on corners provide the realistic brickwork effect.

Choice of insulation and finish

There are various types of insulation and finishes that can be used in conjunction with these different systems, the most popular include...

System >		webertherm XP	webertherm XM	webertherm FT	webertherm XB
					
Choice of insulant					
	EPS (Expanded Polystyrene) <ul style="list-style-type: none"> • Cost-effective • Graphite impregnated for greater thermal efficiency 	✓	✓	✓	✓
	MFD (Mineral Wool) <ul style="list-style-type: none"> • Non-combustible • Good acoustic properties 	✓	✓	✓	✓
	PHS (Phenolic) <ul style="list-style-type: none"> • Excellent thermal performance • Can be used where space is at a premium 	✓	✓ ⁽¹⁾	✓ ⁽¹⁾	✓
Choice of finish					
	Scraped Finish	✓	✓	✓	
	Dry Dash	✓	✓	✓	
	Brick/Brick Effect	✓ ⁽²⁾	✓ ⁽²⁾	✓ ⁽²⁾	✓
	Synthetic Finish		✓	✓	
	Light Ashlar Detailing	✓		✓	
	Spray Roughcast	✓			

⁽¹⁾ Thick coat (over 12mm) systems only

⁽²⁾ Render Brick Effect only