



# Product Selection Guide

## TDS 195

Key: E = Recommended for exterior and interior applications  
 I = Recommended for interior applications only  
 N = Not recommended for these applications

### SUBSTRATES<sup>1</sup>

Category	Product	Concrete	Portland Cement Mortar Bed	Ceramic Tile <sup>2</sup>	Masonry	Cement Backer Board
<b>UNDERLAYMENTS</b>	LATICRETE <sup>®</sup> 86 LatiLevel™ *	I <sup>12</sup>	I	I**	I	I
	LATICRETE 84 LatiLevel	I <sup>12</sup>	I	I**	I	I
	LATICRETE 816 LatiPatch™ *	I	I	I <sup>9</sup>	I	I
<b>SOUND CONTROL</b>	LATICRETE 170 Sound & Crack Isolation Mat *	I	I	I	I	I
<b>ANTI-FRACTURE MEMBRANE</b>	LATICRETE Blue 92 Anti-Fracture Membrane	E	E	E**	E	E
<b>WATERPROOFING MEMBRANES</b>	LATICRETE Hydro Ban <sup>®</sup>	E	E	E**	E	E
	LATICRETE 9235 Waterproofing Membrane	E	E	E**	E	E
	LATICRETE Hydro Barrier™	E	E	E**	E	E
	LATAPOXY <sup>®</sup> Waterproof Flashing Mortar	E	E	^^	E	E
<b>VAPOR REDUCTION MEMBRANE</b>	LATAPOXY 312 Vapor Reduction Membrane	I	I	N	N	N
<b>EPOXY ADHESIVES</b>	LATAPOXY 300 Adhesive	E^	E^	E^	E^	E^
	LATAPOXY 210 Adhesive	E	E	E	E	E
<b>SPOT BOND ADHESIVES</b>	LATAPOXY 310 Stone Adhesive & LATAPOXY 310 Rapid Stone Adhesive	E <sup>1</sup>	N	I	E <sup>1</sup>	I
<b>LATEX THICK-BED</b>	LATICRETE 3701 Fortified Mortar Bed	E	E	E	E	E
	LATICRETE 3701 Mortar Admix w/LATICRETE 226 Thick-Bed Mortar	E	E	E	E	E
<b>SOUND CONTROL/CRACK SUPPRESSION MORTAR</b>	LATICRETE 125 Sound & Crack Adhesive*	I	I	I	I	I
<b>MEDIUM-BED</b>	LATICRETE 255 MultiMax™	E	E	E	E	E
	LATICRETE 4-XLT	E	E	E	E	E
	LATICRETE 4-XLT Rapid	E	E	E	E	E
	LATICRETE 220 Marble & Granite Mortar	E	E	E <sup>2</sup>	E	E
<b>LATEX THIN-BED</b>	LATICRETE 4237 Latex Additive	E	E	E	E	E
	w/LATICRETE 211 Powder					
	LATICRETE 3701 Mortar Admix	E	E	E	E	E
	w/LATICRETE 272 Mortar, LATICRETE 317, or LATICRETE 220 Marble & Granite Mortar					
<b>FLEXIBLE</b>	LATICRETE 333 Super Flexible Additive	E <sup>5</sup>	E <sup>5</sup>	E <sup>5</sup>	E <sup>5</sup>	E <sup>5</sup>
<b>LATEX THIN-BED</b>	w/LATICRETE 272 Mortar, LATICRETE 317, or LATICRETE 220 Marble & Granite Mortar					
<b>RAPID</b>	LATICRETE 101 Rapid Latex Admix	E	E	E	E	E
<b>LATEX THIN-BED</b>	w/LATICRETE 272 Mortar, LATICRETE 317, or LATICRETE 220 Marble & Granite Mortar					
<b>MULTIPURPOSE</b>	LATICRETE 254 Platinum	E	E	E	E	E
<b>THIN-SET</b>	LATICRETE 255 MultiMax™	E	E	E	E	E
<b>MORTARS</b>	LATICRETE Sure Set™ *	I	I	I	I	I
	LATICRETE 253 Gold	E	E	E	E	E
	LATICRETE 254R Platinum Rapid	E	E	E	E	E
	LATICRETE 253R Gold Rapid	E	E	E	E	E
	LATICRETE 252 Silver	E	E	I	E	I
<b>GLASS TILE INSTALLATION MORTAR</b>	LATICRETE Glass Tile Adhesive Mortar	E	E	E	E	E
<b>THIN-SET MORTAR</b>	LATICRETE 272 Mortar	E <sup>4</sup>	E <sup>4</sup>	I <sup>10</sup>	E <sup>4</sup>	E <sup>10</sup>
	LATICRETE 317	E <sup>4</sup>	E <sup>4</sup>	I <sup>10</sup>	E <sup>4</sup>	E <sup>10</sup>
<b>ADHESIVES</b>	LATICRETE 15 Premium Mastic	I	I	N	I	I
<b>MASONRY VENEER INSTALLATION</b>	LATICRETE Hi-Bond Masonry Veneer Mortar	E	E	E	E	E
	LATICRETE Hi-Bond Rapid Masonry Veneer Mortar	E	E	E	E	E
	LATICRETE Masonry Veneer Mortar	E	E	N	E	E
	LATICRETE Thin Brick Mortar	E	E	E	E	E

**SUBSTRATES<sup>1</sup>**

Category	Product	Cement Terrazzo <sup>2</sup>	Exterior Glue Plywood <sup>3</sup>	Resilient Flooring <sup>2</sup>	Gypsum Wallboard	Hi-Pressure Laminate	Steel	Data Sheet #
<b>UNDERLAYMENTS</b>	LATICRETE <sup>®</sup> 86 LatiLevel™ *	I <sup>12</sup>	I <sup>11</sup>	N	N	N	N	238.5
	LATICRETE 84 LatiLevel	I <sup>12</sup>	I <sup>11</sup>	N	N	N	N	084.0
	LATICRETE 816 LatiPatch™ *	I	I	I <sup>9</sup>	N	N	N	674.0
<b>SOUND CONTROL</b>	LATICRETE 170 Sound & Crack Isolation Mat *	I	I	N	N	N	N	170.0
<b>ANTI-FRACTURE</b>	LATICRETE Blue 92 Anti-Fracture Membrane	E**	I	N	I	N	N	647.0
<b>WATERPROOFING MEMBRANES</b>	LATICRETE Hydro Ban <sup>®</sup>	E**	I	N	I	N	N	663.0
	LATICRETE 9235 Waterproofing Membrane	E**	I	N	I	N	N	236.0
	LATICRETE Hydro Barrier™	E**	I	N	I	N	N	105.0
	LATAPOXY <sup>®</sup> Waterproof Flashing Mortar	^^	^^	^^	^^	^^	^^	682.0
<b>VAPOR REDUCTION MEMBRANE</b>	LATAPOXY 312 Vapor Reduction Membrane	N	N	N	N	N	N	312.0
<b>EPOXY ADHESIVES</b>	LATAPOXY 300 Adhesive	E	I	I	I	I	E	633.0
	LATAPOXY 210 Adhesive	E	I	I	I	I	E	630.0
<b>SPOT BOND ADHESIVES</b>	LATAPOXY 310 Stone Adhesive & LATAPOXY 310 Rapid Stone Adhesive	N	I	N	N	N	I <sup>1</sup>	679.0 & 679.3
<b>LATEX THICK-BED</b>	LATICRETE 3701 Fortified Mortar Bed	E	I <sup>5</sup>	I <sup>5</sup>	I <sup>5</sup>	I <sup>5</sup>	I <sup>5</sup>	100.0
	LATICRETE 3701 Mortar Admix w/LATICRETE 226 Thick-Bed Mortar	E	I <sup>5</sup>	I <sup>5</sup>	I <sup>5</sup>	I <sup>5</sup>	I <sup>5</sup>	231.0
<b>SOUND CONTROL/CRACK SUPPRESSION MORTAR</b>	LATICRETE 125 Sound & Crack Adhesive *	I	I	N	N	N	N	204.0
<b>MEDIUM-BED</b>	LATICRETE 255 MultiMax™	N	I	N	I	N	N	255.0
	LATICRETE 4-XLT	N	I	N	I	N	N	080.0
	LATICRETE 4-XLT Rapid	N	I	N	I	N	N	081.0
	LATICRETE 220 Marble & Granite Mortar	E	I <sup>8</sup>	I <sup>8</sup>	I <sup>10</sup>	I <sup>8</sup>	N	297.0
<b>LATEX THIN-BED</b>	LATICRETE 4237 Latex Additive	E	N	N	I	N	N	230.1
	w/LATICRETE 211 Crete Filler Powder							239.0
	LATICRETE 3701 Mortar Admix	E	N	N	I	N	N	231.0
	LATICRETE 272 Mortar, LATICRETE 317, or							259.0, 317.0
	LATICRETE 220 Marble & Granite Mortar							297.0
<b>FLEXIBLE</b>	LATICRETE 333 Super Flexible Additive	E <sup>6</sup>	I	I	I	I	N	266.0
<b>LATEX THIN-BED</b>	w/LATICRETE 272 Mortar, LATICRETE 317, or							259.0, 317.0
	LATICRETE 220 Marble & Granite Mortar							297.0
<b>RAPID</b>	LATICRETE 101 Rapid Latex Admix	E	I	N	I	N	N	264.0
<b>LATEX THIN-BED</b>	w/LATICRETE 272 Mortar, LATICRETE 317, or							259.0, 317.0
	LATICRETE 220 Marble & Granite Mortar							297.0
<b>MULTIPURPOSE</b>	LATICRETE 254 Platinum	E	I	I	I	I	N	677.0
<b>THIN-SET</b>	LATICRETE 255 MultiMax™	E	I	N	I	N	N	255.0
<b>MORTARS</b>	LATICRETE Sure Set™ *	I	I	N	N	N	N	261.0
	LATICRETE 253 Gold	E	I	I	I	I	N	296.0
	LATICRETE 254R Platinum Rapid	E	I	I	I	I	N	729.0
	LATICRETE 253R Gold Rapid	E	I	I	I	I	N	296.3
	LATICRETE 252 Silver	I	I	N	I	N	N	676.0
	LATICRETE Glass Tile Adhesive Mortar	E	I	N	I	N	N	252.0
<b>THIN-SET MORTAR</b>	LATICRETE 272 Mortar	I <sup>10</sup>	I <sup>8</sup>	I <sup>8</sup>	I	I <sup>8</sup>	N	259.0
	LATICRETE 317	I <sup>10</sup>	I <sup>8</sup>	I <sup>8</sup>	I	I <sup>8</sup>	N	317.0
<b>ADHESIVES</b>	LATICRETE 15 Premium Mastic	N	I	N	I	N	N	286.0
<b>MASONRY VENEER INSTALLATION</b>	LATICRETE Hi-Bond Masonry Veneer Mortar	E	I	N	I	N	N	246.0
	LATICRETE Hi-Bond Rapid Masonry Veneer Mortar	E	I	N	N	N	N	247.0
	LATICRETE Masonry Veneer Mortar	N	N	N	N	N	N	060.0
	LATICRETE Thin Brick Mortar	N	I	N	N	N	N	248.0

<sup>1</sup> Structurally sound, clean, free of dust, laitance, dirt, oil, grease, wax, sealers and curing compounds; floor systems over which tile or stone will be installed shall be in conformance with the International Residential Code (IRC) for residential applications, the International Building Code (IBC) for commercial applications, or applicable building codes; concrete must be 28 days old w/ 7 day damp cure unless using LATICRETE<sup>®</sup> 4237 Latex Thin-Set Mortars, LATICRETE 3701 Latex Thin-Set Mortars or LATICRETE 254 Platinum

<sup>2</sup> For existing resilient flooring, ceramic tile, terrazzo, and non-water soluble cutback adhesive – see LATICRETE Technical Data Sheet 135 – Ceramic & Stone Tile Over Existing Flooring

<sup>3</sup> For proper plywood floor construction – see LATICRETE Technical Data Sheet 152 – Bonding Ceramic Tile, Stone or Brick Over Wood Floors

<sup>4</sup> Exterior use requires gauging with LATICRETE 333 Super Flexible Additive (residential and light commercial installations that are not continuously submerged)- see data sheet 266.0 or LATICRETE 3701 Mortar Admix – see data sheet 231.0

- <sup>5</sup> Use as an unbonded, wire-reinforced mortar bed or installed over diamond metal lath which has been mechanically fastened to the substrate for horizontal applications; or, as a scratch coat and brown coat over diamond metal lath which has been mechanically fastened into the studs, over cleavage membrane for vertical installations
- <sup>6</sup> Exterior use limited to residential and light commercial installations that are not continuously submerged
- <sup>7</sup> Requires gauging with LATICRETE 3701 Mortar Admix – see data sheet 231.0
- <sup>8</sup> Requires gauging with LATICRETE 333 Super Flexible Additive – see data sheet 266.0
- <sup>9</sup> Requires gauging with LATICRETE Admix and Primer – see data sheet 674.0
- <sup>10</sup> Requires gauging with a LATICRETE Latex Additive (see recommended combinations above) for all applications
- <sup>11</sup> Prime floor with LATICRETE Admix and Primer prior to mechanically fastening 3.2# diamond metal lath over entire substrate – see data sheet 238.9
- <sup>12</sup> All concrete surfaces must be bead blasted or mechanically abraded to ensure curing compounds, sealers or other potential bond breakers are removed – see data sheet 238.9
- \* Horizontal use only. LATICRETE 170 Sound & Crack Isolation Mat can be turned up the wall (max. of 3" [75 mm]) in place of the perimeter isolation strip
- \*\* Skim coat existing ceramic tile, stone or portland cement terrazzo with a latex thin-bed mortar first
- ^ Do not use on exterior facades or building envelopes
- ^^ Consult LATICRETE Technical Services for these substrates
- † Consult LATICRETE Technical Services Dept. for exterior applications

Technical Data Sheets are subject to change without notice. For latest revision, check our website at [www.laticrete.com](http://www.laticrete.com)  
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**LATICRETE INTERNATIONAL, INC.** ▪ 1 LATICRETE Park North ▪ Bethany, CT 06524-3423 USA  
800.243.4788 ▪ [support@laticrete.com](mailto:support@laticrete.com) ▪ [www.laticrete.com](http://www.laticrete.com)

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