



Product Selection Guide

TDS 195

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

SUBSTRATES¹

Category	Product	Concrete	Portland Cement Mortar Bed	Ceramic Tile ²	Masonry	Cement Backer Board
UNDERLAYMENTS	NXT [®] Level Plus *	I ¹²	I	I ¹³	N	I
	NXT LEVEL DL *	I ¹²	I	I ¹³	I	I
	NXT Level *	I ¹²	I	I ¹³	N	I
	NXT Level SP	I ¹²	N	N	N	N
	NXT Patch	E	E	E ⁹	I	I
	NXT Skim	I	I	I	I	I
SOUND CONTROL	170 Sound & Crack Isolation Mat *	I	I	I	I	I
ANTI-FRACTURE MEMBRANE	FRACTURE BAN [™]	E	E	E**	E	E
WATERPROOFING MEMBRANES	HYDRO BAN [®]	E	E	E**	E	E
	9235 Waterproofing Membrane	E	E	E**	E	E
	HYDRO BAN Quick Cure Waterproofing Membrane	E	E	E**	E	E
	HYDRO BAN Cementitious Waterproofing Membrane	E	E	E**	E	E
	HYDRO BARRIER [™]	E	E	E**	E	E
	LATAPOXY [®] Waterproof Flashing Mortar	E	E	^^	E	E
	HYDRO BAN Sheet Membrane	E	E	E**	E	E
UNCOUPLING MEMBRANE	STRATA MAT [™] and STRATA MAT XT	E	E	N	N	I
VAPOR REDUCTION MEMBRANE	NXT Vapor Reduction Coating	I	N	N	N	N
	SPARTACOTE [®] Moisture Vapor Barrier					
EPOXY ADHESIVES	LATAPOXY 300 Adhesive	E [^]	E [^]	E [^]	E [^]	E [^]
	LATAPOXY BIOGREEN [™] 300	E	E	E	E	E
SPOT BOND ADHESIVES	LATAPOXY 310 Stone Adhesive	E [†]	N	I	E [†]	I
	LATAPOXY 310 Rapid Stone Adhesive					
LATEX THICK-BED	3701 Fortified Mortar	E	E	E	E	E
	3701 Lite Mortar	E	E	E	E	E
	3701 Lite Mortar R	E	E	E	E	E
	3701 Mortar Admix w/226 Thick-Bed Mortar	E	E	E	E	E
SOUND CONTROL/CRACK SUPPRESSION MORTAR	125 Sound & Crack Adhesive*	I	I	I	I	I
LARGE AND HEAVY TILE MORTAR	MULTIMAX LITE	E	E	E	E	E
	4-XLT & 4-XLT Rapid	E	E	E	E	E
	TRI-LITE [™]	E	E	E	E	E
	LHT [™] ®	E	E	E	E	E
	LHT PLUS [™]	E	E	E	E	E
LATEX THIN-BED	3701 Mortar Admix	E	E	E	E	E
	mixed with 272 Mortar or 317 Mortar					
FLEXIBLE	333 Flexible Additive	E ⁶	E ⁶	E ⁶	E ⁶	E ⁶
LATEX THIN-BED	mixed with 272 Mortar or 317 Mortar					
MULTIPURPOSE	254 Platinum	E	E	E	E	E
THIN-SET	257 TITANIUM [™]	E	E	E	E	E
MORTARS	TRI-LITE	E	E	E	E	E
	253 Gold	I	I	I	I	I
	254R Platinum Rapid	E	E	E	E	E
	253R Gold Rapid	E	E	E	E	E
	252 Silver	E	E	I	E	I
GLASS TILE INSTALLATION MORTAR	Glass Tile Adhesive	E	E	E	E	E
THIN-SET MORTAR	272 Mortar	E ⁴	E ⁴	I ¹⁰	E ⁴	E ¹⁰
	317 Mortar	E ⁴	E ⁴	I ¹⁰	E ⁴	E ¹⁰
ADHESIVES	15 Premium Mastic	I	I	N	I	I
MASONRY VENEER INSTALLATION	MVIS Hi-Bond Veneer Mortar	E	E	E	E	E
	MVIS Hi-Bond Veneer Mortar Rapid	E	E	E	E	E
	MVIS LIGHTWEIGHT Mortar	E	E	E	E	E
	MVIS Veneer Mortar	E	E	N	E	E
	MVIS Thin Brick Mortar	E	E	E	E	E

Category	Product	Cement Terrazzo ²	Exterior Gibe Plywood ³	Resilient Flooring ²	Gypsum Wallboard	Hi-Pressure Laminate	Steel	Data Sheet #
UNDERLAYMENTS	NXT® Level Plus *	I ¹²	I ¹¹	I ¹²	N	N	N	505.0
	NXT LEVEL DL *	I ¹²	I ¹¹	I ¹²	N	N	N	029.2
	NXT Level *	I ¹²	I ¹¹	I ¹²	N	N	N	504.0
	NXT Level SP	N	N	N	N	N	N	35069.0
	NXT Patch	E ⁹	I	I	N	N	N	501.0
	NXT Skim	I	I	I ¹⁵	N	N	N	506.0
SOUND CONTROL	170 Sound & Crack Isolation Mat *	I	I	N	N	N	N	170.0
ANTI-FRACTURE	FRACTURE BAN™	E	I	N	N	N	N	195.0
WATERPROOFING MEMBRANES	HYDRO BAN®	E**	I	N	I	N	N	663.0
	9235 Waterproofing Membrane	E**	I	N	I	N	N	236.0
	HYDRO BAN Quick Cure Waterproofing Membrane	E**	I	N	I	N	N	670.4
	HYDRO BAN Cementitious Waterproofing Membrane	E**	I	N	I	N	N	386.2
	HYDRO BARRIER™	E**	I	N	I	N	N	105.0
	LATAPOXY® Waterproof Flashing Mortar	^^	^^	^^	^^	^^	^^	682.0
	HYDRO BAN Sheet Membrane	E	I	N	N	N	N	041.0
UNCOUPLING MEMBRANE	STRATA MAT™ and STRATA MAT XT	I	I ¹⁴	I	N	N	N	026.0
VAPOR REDUCTION MEMBRANE	NXT Vapor Reduction Coating	N	N	N	N	N	N	507.0
EPOXY ADHESIVES	LATAPOXY 300 Adhesive	E	I	I	I	I	E	633.0
	LATAPOXY BIOGREEN™ 300	E	I	I	I	I	E	023.0
SPOT BOND ADHESIVES	LATAPOXY 310 Stone Adhesive & LATAPOXY 310 Rapid Stone Adhesive	N	I	N	N	N	I†	679.0 & 679.3
LATEX THICK-BED	3701 Fortified Mortar	E	I ⁵	I ⁵	I ⁵	I ⁵	I ⁵	100.0
	3701 Lite Mortar	E	I ⁵	I ⁵	I ⁵	I ⁵	I ⁵	36590
	3701 Lite Mortar R	E	I ⁵	I ⁵	I ⁵	I ⁵	I ⁵	36603
	3701 Mortar Admix w/226 Thick-Bed Mortar	E	I ⁵	I ⁵	I ⁵	I ⁵	I ⁵	231.0
SOUND CONTROL/CRACK SUPPRESSION MORTAR	125 Sound & Crack Adhesive*	I	I	N	N	N	N	204.0
LARGE & HEAVY TILE MORTAR	MULTIMAX LITE	E	I	N	I	I	N	328.0
	4-XLT & 4-XLT Rapid	N	I	N	I	N	N	080.0 & 081.0
	TRI-LITE™	E	I	N	I	N	N	320.0
	LHT™ @	E	I	I	N	N	N	180.0
	LHT PLUS™	E	I	I	N	N	N	109.0
LATEX THIN-BED	3701 Mortar Admix	E	N	N	I	N	N	231.0
	mixed with 272 Mortar or 317 Mortar							259.0, 317.0
FLEXIBLE	333 Flexible Additive	E ⁶	I	I	I	I	N	266.0
LATEX THIN-BED	mixed with 272 Mortar or 317 Mortar							259.0, 317.0
MULTIPURPOSE	254 Platinum	E	I	I	I	I	N	677.0
THIN-SET	257 TITANIUM™	E	I	N	I	N	N	292.0
MORTARS	TRI-LITE™	E	I	N	I	N	N	320.0
	253 Gold	E	I	I	I	I	N	296.0
	254R Platinum Rapid	E	I	I	I	I	N	729.0
	253R Gold Rapid	E	I	I	I	I	N	296.3
	252 Silver	I	I	N	I	N	N	676.0
GLASS TILE INSTALLATION MORTAR	Glass Tile Adhesive	E	I	N	I	N	N	252.0
THIN-SET MORTAR	272 Mortar	I ¹⁰	I ⁸	I ⁸	I	I ⁸	N	259.0
	317 Mortar	I ¹⁰	I ⁸	I ⁸	I	I ⁸	N	317.0
ADHESIVES	15 Premium Mastic	N	I	N	I	N	N	286.0
MASONRY VENEER INSTALLATION SYSTEM	MVIS™ Hi-Bond Veneer Mortar	E	I	N	I	N	N	246.0
	MVIS Hi-Bond Veneer Mortar Rapid	E	I	N	N	N	N	247.0
	MVIS LIGHTWEIGHT Mortar	N	I	N	N	N	N	060.1
	MVIS Veneer Mortar	N	N	N	N	N	N	060.0
	MVIS Thin Brick Mortar	N	I	N	N	N	N	248.0

¹ 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 3701 Latex Thin-Set Mortars or 254 Platinum..

² 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

³ For proper plywood floor construction – see LATICRETE TDS 152 – Bonding Ceramic Tile, Stone or Brick Over Wood Floors

- ⁴ Exterior use requires gauging with 333 Flexible Additive (residential and light commercial installations that are not continuously submerged)- see data sheet 266.0 or 3701 Mortar Admix
– see data sheet 231.0
- ⁵ 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
- ⁶ Exterior use limited to residential and light commercial installations that are not continuously submerged
- ⁷ Requires gauging with 3701 Mortar Admix – see data sheet 231.0
- ⁸ Requires gauging with 333 Flexible Additive – see data sheet 266.0
- ⁹ Requires surface to be abraded with a carborundum disk and cleaned thoroughly prior to application
- ¹⁰ Requires gauging with a LATICRETE® Latex Additive (see recommended combinations above) for all applications
- ¹¹ Prime floor with NXT® PRIMER prior to mechanically fastening 3.2# diamond metal lath over entire substrate – see TDS 230N
- ¹² All non-suction substrates may require bead blasting or mechanical abrasion to ensure curing compounds, sealers or other potential bond breakers are removed – see TDS 230N for guidelines and surface preparation requirements
- ¹³ Refer to TDS 230N for preparation and installation guidelines
- ¹⁴ OSB is also a suitable substrate for STRATA_MAT™ - refer to DS 026.0
- ¹⁵ Requires mixing with NXT Embossing Admix
- * Horizontal use only. 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
- @ Floors only (Interior and exterior)

Technical Data Sheets are subject to change without notice. For latest revision, check our website at www.laticrete.com
TDS 195.doc R 3 February 2020



LATICRETE International, Inc.
One LATICRETE Park North, Bethany, CT 06524-3423 USA • 1.800.243.4788 • +1.203.393.0010 • www.laticrete.com
©2016 LATICRETE International, Inc. All trademarks shown are the intellectual properties of their respective owners.