

MTI

MASONRY
TECHNOLOGY
INCORPORATED



Building Envelope Moisture Management Solutions

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MTIdry.com

800-879-3348



Building Envelope Moisture Management Solutions

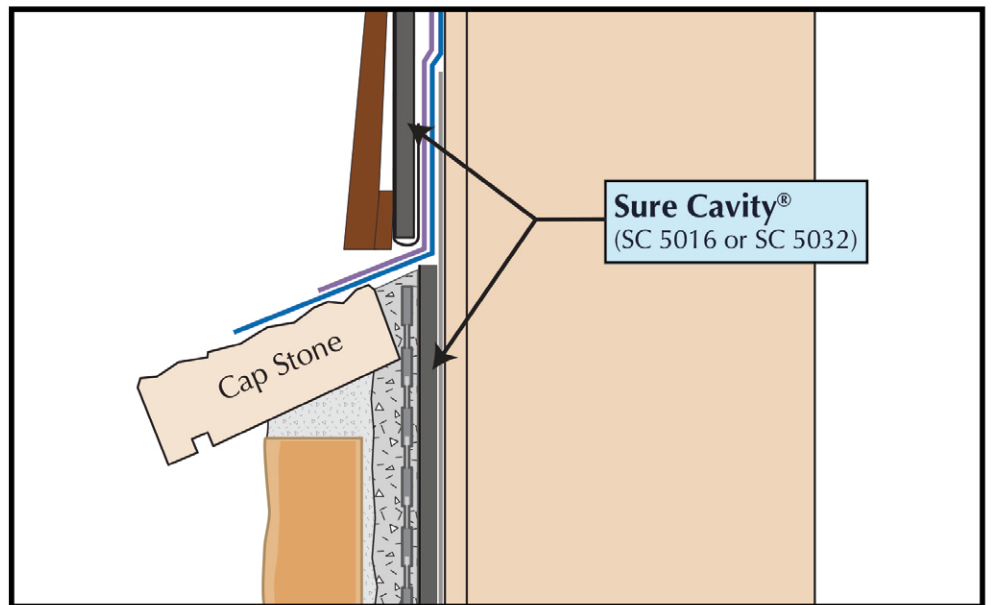
When designing a wall system with two different types of veneers, the point at which they meet is a critical moisture management design requirement. Anytime the drainage plane is interrupted, a design is needed for moisture to exit.

Good moisture management design dictates that each veneer be drained and vented separately.

MTI's rainscreen drainage plane and weep moisture management systems create solutions to keep your wood and stone veneer wall systems dry.



Keep Your
Wood Siding
Walls Dry With
MTI



For Specific Wall Details Visit www.MTIDRY.com/hyperspecs

JANUARY 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 <i>New Year's Day</i>	2	3	4	5	6
7	8	9	10	11	12	13
14	15 <i>Martin Luther King Jr. Day</i>	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31		DECEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	FEBRUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

Building Envelope Moisture Management Solutions

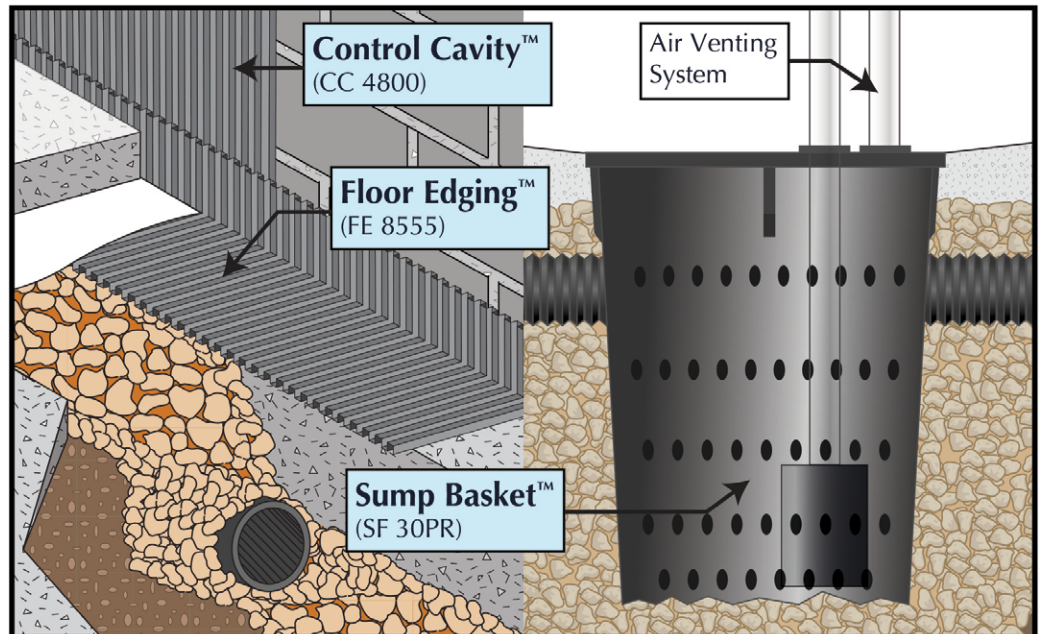
Transform your basement into a comfortable living space with MTI's basement drainage system. Floor Edging™ separates the floor from the walls and footings, creating a path for moisture to pass under the slab into the drain field, drain tile system.

MTI products and solutions create an internal system to assist you with managing your basement moisture. This is a two-part system that consists of 1) a vented sump basket - sump pump system and 2) the addition of a drain field - drain tile system. In combination, these can provide that healthy, sustainable below grade living space in most situations.

MTI's interior below grade drainage system can be used in new construction as well as retrofit applications.



Keep Your
Basement Living
Space Dry With
MTI



For Specific Wall Details Visit www.MTIDRY.com/hyperspecs

FEBRUARY 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
JANUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	MARCH S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31			1	2	3
4	5	6	7	8	9 <i>Groundhog Day</i>	10
11	12	13	14 <i>Valentine's Day Ash Wednesday</i>	15	16	17
18	19 <i>Presidents' Day</i>	20	21	22	23	24
25	26	27	28	29		

Building Envelope Moisture Management Solutions

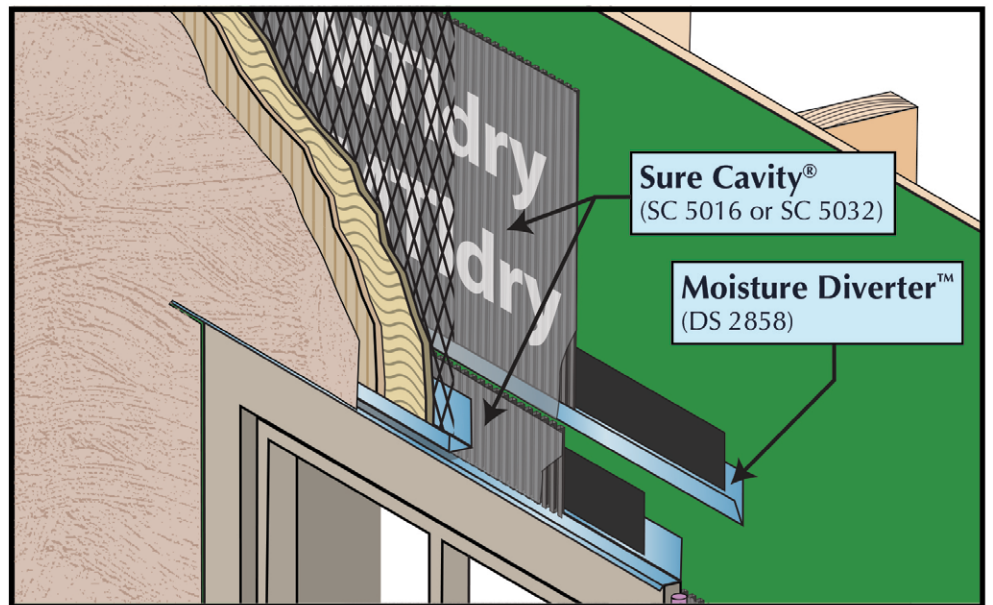
Using a WRB over OSB in conjunction with MTI's rainscreen drainage plane systems, architects, builders, and homeowners can expect to have the most advanced wall assembly available.

Protect horizontal seams that are vulnerable to water penetration from poorly applied tape and over-penetrated nail holes.

Stop mold, mildew, and rotting due to moisture not properly escaping. MTI's systems create a space in between the sheathing and cladding systems to provide drainage and ventilation to keep your wall system dry.



Keep Your Wall System Dry With **MTI**



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MARCH 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
FEBRUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	APRIL S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30				1	2
3	4	5	6	7	8	9
10 <i>Daylight Saving Time Begins</i>	11	12	13	14	15	16
17 <i>St. Patrick's Day</i>	18	19 <i>Spring Begins</i>	20	21	22	23
24 <i>Palm Sunday</i>	25	26	27	28	29	30
31 <i>Easter Sunday</i>					29 <i>Good Friday</i>	

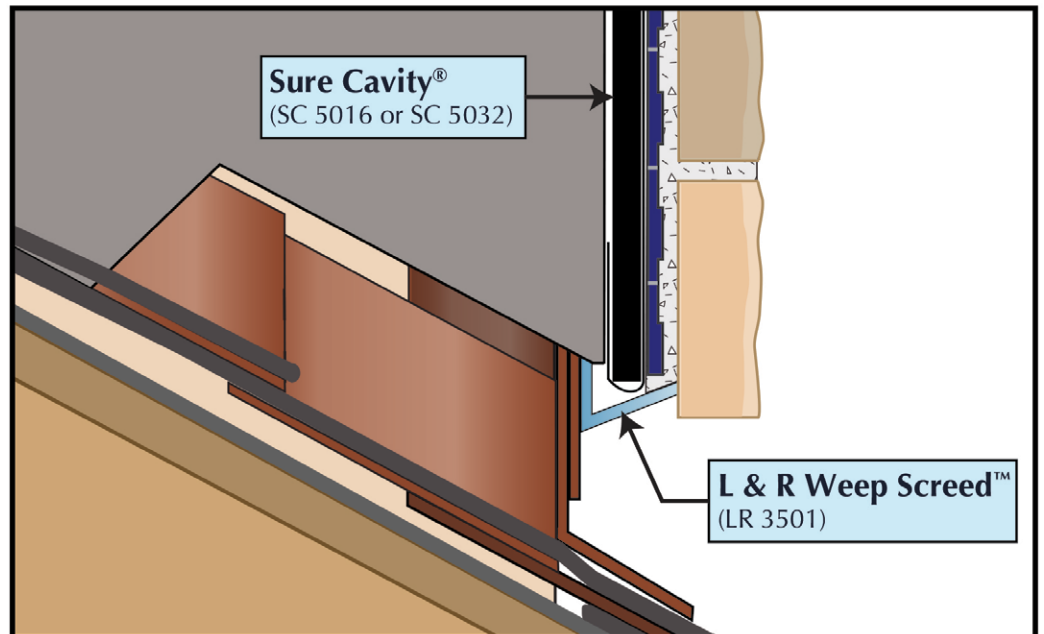
Building Envelope Moisture Management Solutions

By the time most people notice their chimney is leaking, the sheathing around the chimney is rotten, and the roof rafters beneath have water damage. Flashing a chimney correctly involves two layers of water-shedding metal: flashing and counterflashing. The counterflashing directs falling rain and water running down the chimney over the first layer of flashing. This creates a finished assembly that looks good and, more important, is watertight.

A properly flashed chimney used in conjunction with MTT's rainscreen and weep systems will make sure your chimney looks great and keeps moisture out of your living space.



Keep Your Roof Details Dry With **MTI**



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APRIL 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																																																																																																					
	1 <i>April Fools' Day Easter Monday (Canada)</i>	2	3	4	5	6																																																																																																					
7	8	9	10	11	12	13																																																																																																					
14	15 <i>Tax Day</i>	16	17	18	19	20																																																																																																					
21	22 <i>Passover Earth Day</i>	23	24	25	26	27																																																																																																					
28	29	30			<p>MARCH</p> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> <tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td></tr> <tr><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td></tr> <tr><td>31</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31							<p>MAY</p> <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td></td><td></td></tr> <tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td></td><td></td></tr> <tr><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td></td><td></td></tr> <tr><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td></tr> </table>	S	M	T	W	T	F	S						1	2	3	4	5	6	7	8	9	10	11			12	13	14	15	16	17	18			19	20	21	22	23	24	25			26	27	28	29	30	31			
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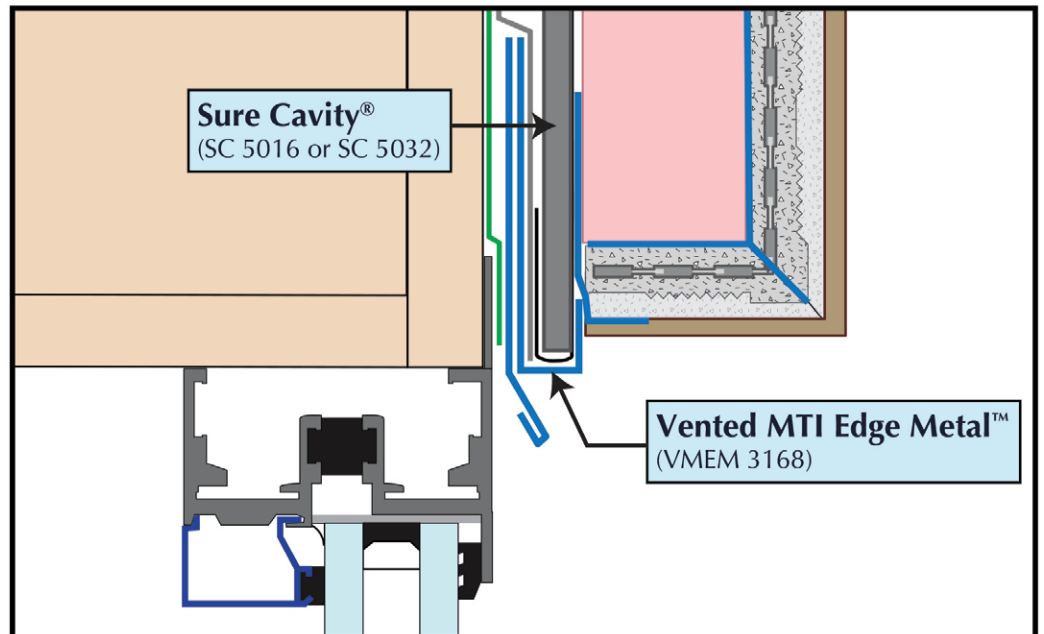
Building Envelope Moisture Management Solutions

Like a bucket, stucco-wrapped soffits and inset windows hold water and let your wall components marinate until they are beyond repair. These problems aren't limited to stucco, thin brick and adhered stone. Even fiber cement siding walls suffer the same fate from the wrapped detail. Any time the drainage plane is interrupted, we need a plan for the moisture to exit.

We need to rely on the rainscreen principle more than ever in high-performance buildings to help out drying. As increased levels of insulation and air-sealing have reduced energy flow through walls, they have reduced the drying potential of building assemblies as well. MTI's rainscreen principle involves a system, not a single component, and we detail the numerous components of that system. We need an exit strategy for the water.



Keep Your Inset Details Dry With **MTI**



For Specific Wall Details Visit www.MTIDRY.com/hyperspecs

MAY 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>APRIL</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30</p>	<p>JUNE</p> <p>S M T W T F S</p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30</p>		1	2	3	4
5	6	7	8	9	10	11
				Ascension Day		
12	13	14	15	16	17	18
Mother's Day						Armed Forces Day
19	20	21	22	23	24	25
	Victoria Day (Canada)					
26	27	28	29	30	31	
	Memorial Day					

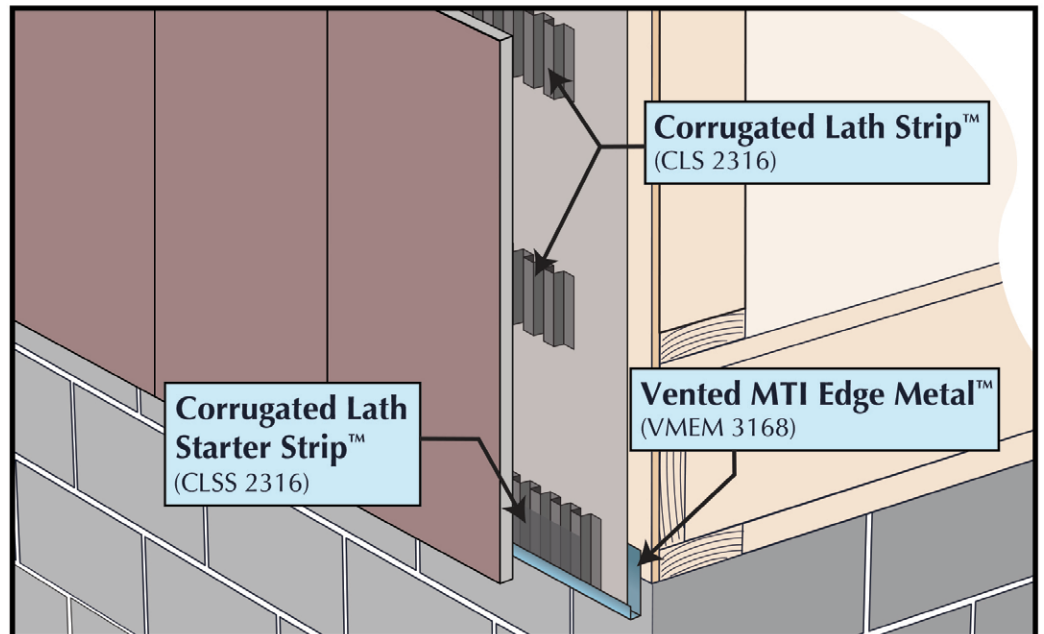
Building Envelope Moisture Management Solutions

It doesn't matter whether your house is clad with shakes, shingles, clapboards or composite. Your siding leaks. Materials shrink and expand. Fasteners loosen, material joints open, and finishes wear away. It eventually becomes easier for water to penetrate a home's outer layers of defense.



Keep Exterior Wall and Siding Details Dry With MTI

MTI's rainscreen wall systems protect exterior walls from moisture intrusion by providing a physical gap between the back of the siding and the WRB. Our rainscreen products create an uninterrupted space for drainage and ventilation providing even greater protection and the capacity to dry.



For Specific Wall Details Visit www.MTIDRY.com/hyperspecs

JUNE 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>MAY</p> <p>S M T W T F S</p> <p>1 2 3 4</p> <p>5 6 7 8 9 10 11</p> <p>12 13 14 15 16 17 18</p> <p>19 20 21 22 23 24 25</p> <p>26 27 28 29 30 31</p>	<p>JULY</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30 31</p>					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
<i>Father's Day</i>			<i>Juneteenth</i>	<i>Summer Begins</i>	<i>Flag Day</i>	
23	24	25	26	27	28	29
30	<i>St. Jean-Baptiste (Canada)</i>					

Building Envelope Moisture Management Solutions

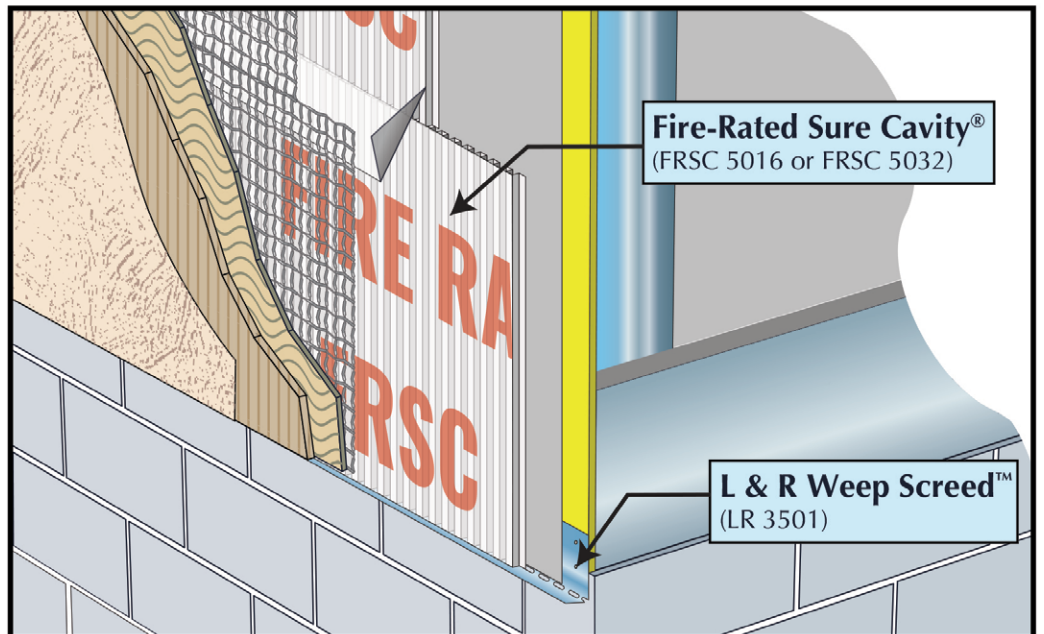
No wall is waterproof. Today's "tighter" buildings increase the risk of moisture and mold problems that rainscreen systems greatly reduce by enabling moisture to swiftly exit the building envelope.

Municipalities are increasingly requiring fire-rated walls for multi-story residential structures. Fire-rated rainscreens are inexpensive insurance to mitigate the risk of wall failure and meet stringent building codes.

MTI's Fire-Rated Sure Cavity® conforms to ASTM E84, Class A/Class 1.



Keep Your Building Dry and Fire Resistant With MTI



For Specific Wall Details Visit www.MTIDRY.com/hyperspecs

JULY 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 <i>Canada Day (Canada)</i>	2	3	4 <i>Independence Day</i>	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31		<p style="text-align: center;">JUNE</p> <p>S M T W T F S</p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30</p>	<p style="text-align: center;">AUGUST</p> <p>S M T W T F S</p> <p>1 2 3</p> <p>4 5 6 7 8 9 10</p> <p>11 12 13 14 15 16 17</p> <p>18 19 20 21 22 23 24</p> <p>25 26 27 28 29 30 31</p>

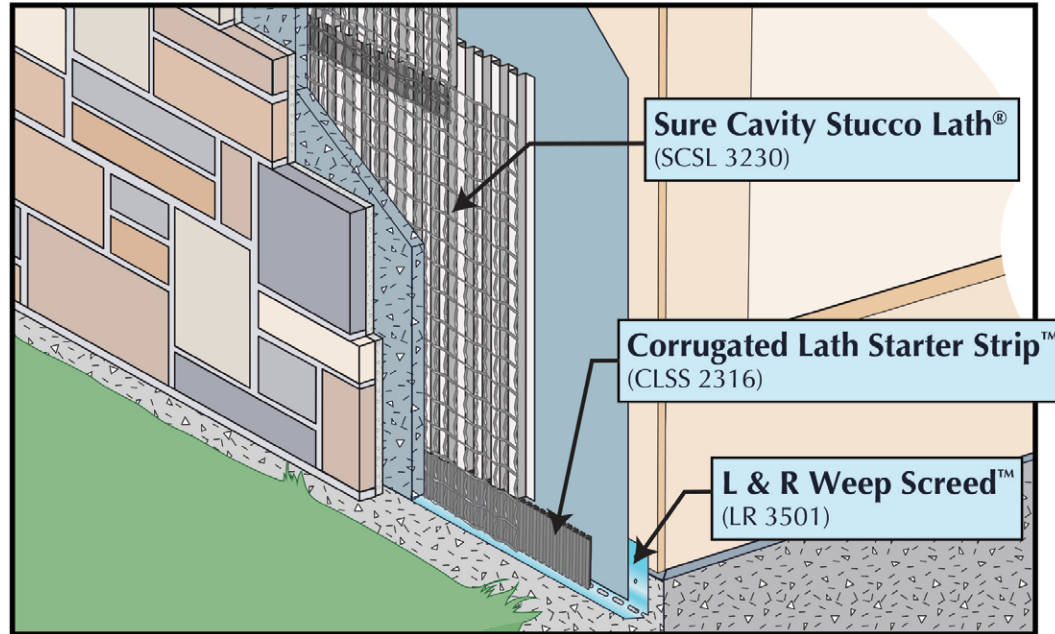
Building Envelope Moisture Management Solutions

Save time and labor with Sure Cavity Stucco Lath® from MTI. This innovative product integrates MTI's Fire-Rated Sure Cavity® with a composite self furring lath that is 70% lighter than metal lath. MTI's Fire-Rated Sure Cavity® conforms to ASTM E84, Class A / Class 1.

MTI's rainscreen systems greatly reduce the risk of water damage by allowing moisture to swiftly exit the building envelope. MTI's fire-rated rainscreen stucco lath system is an inexpensive insurance to mitigate the risk of wall failure due to entrapped moisture.



Save Time And Labor With Sure Cavity Stucco Lath® From MTI



For Specific Wall Details Visit www.MTIDRY.com/hyperspecs

AUGUST 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
JULY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	SEPTEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			1	2	3
4	5 <i>Civic Holiday (Canada)</i>	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

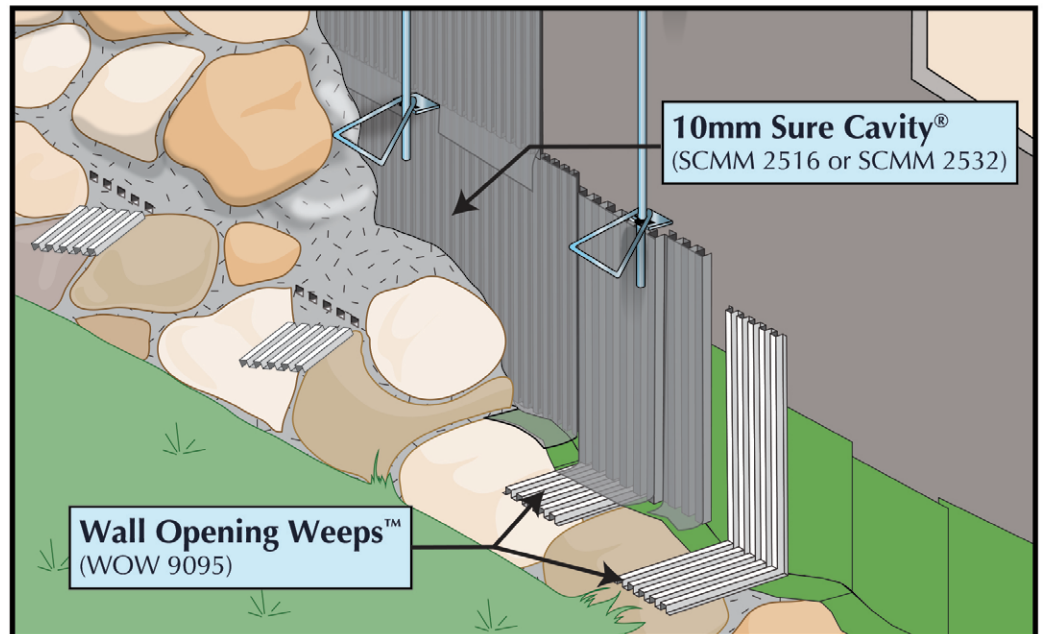
Building Envelope Moisture Management Solutions

The premium appearance with run to grade stone takes good detailing. Most wall failures are caused by a small amount of water that can't dry out. Anchored and adhered stone veneers are reservoir claddings – in other words, they have the ability to hold a lot of moisture. A high quality rainscreen drainage plane and weep system can be used to create and maintain a rainscreen air gap behind any veneer, including anchored and adhered stone.

MTI's rainscreen systems greatly reduce this risk by allowing moisture to swiftly exit the building envelope. MTI's rainscreen and weep system is an inexpensive insurance to mitigate the risk of wall failure due to entrapped moisture.



Keep Your Building Dry And Stone Looking Beautiful With MTI



For Specific Wall Details Visit www.MTIDRY.com/hyperspecs

SEPTEMBER 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 <i>Labor Day Labour Day (Canada)</i>	3	4	5	6	7
8	9	10	11 <i>Patriot Day</i>	12	13	14
15	16	17	18	19	20	21
22 <i>Autumn Begins</i>	23	24	25	26	27	28
29	30				AUGUST S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	OCTOBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

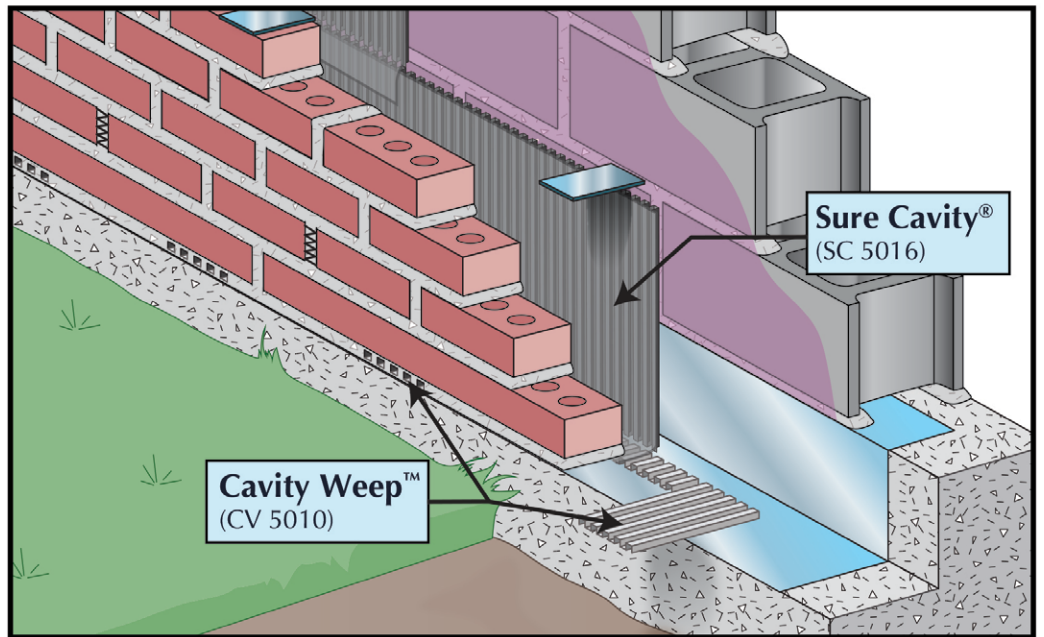
Building Envelope Moisture Management Solutions

Weeps do not work until the water gets to them. It is critically important that the cavity (the void behind the brick) is open and clear of obstruction. This allows liquid water to move from a high point of entry to the lowest point of the cavity, which is the top surface of the flashing. Here the water can exit the cavity.

Predictable, high quality results are required to effectively manage moisture. MTI's drainage plane and weep system installed between the brick veneer and the structural backup wall is the only way to guarantee there will be an unobstructed space for moisture to exit.



Keep Your Brick Wall Details Dry With **MTI**



For Specific Wall Details Visit www.MTIDRY.com/hyperspecs

OCTOBER 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2 <i>Rosh Hashanah</i>	3	4	5
6	7	8	9	10	11 <i>Yom Kippur</i>	12
13	14 <i>Columbus Day Thanksgiving Day (Canada)</i>	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31 <i>Halloween</i>	SEPTEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	NOVEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Building Envelope Moisture Management Solutions

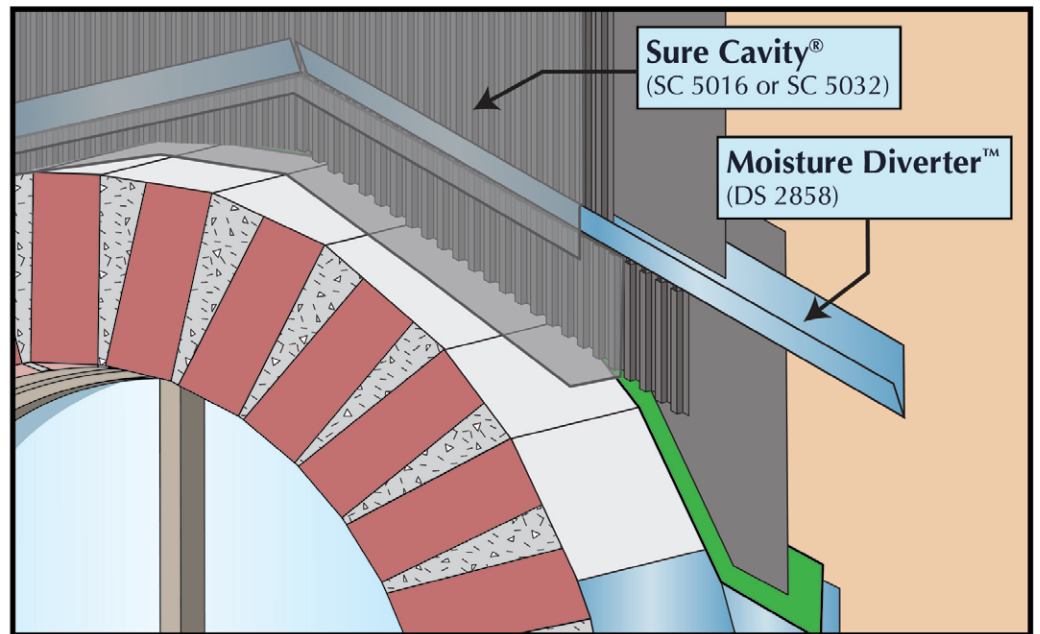
Diverting water away from window details is not a new idea nor is it a new technology. What is not commonly known or understood in today's construction and design industry is that most of the patterns in older historical building veneers were there to manage moisture and to move it off of, and away from, sensitive details such as windows and doors.

Materials, technology and methods are in some cases completely different than in the past. Society's needs have also changed and the push is on to be responsible, to limit our use of energy and to conserve other resources.

MTI's systems divert moisture away from sensitive wall openings to keep your wall system dry.



Keep Your Wall Openings Dry With **MTI**



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NOVEMBER 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
OCTOBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	DECEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31				1	2
3 <i>Daylight Saving Time Ends</i>	4	5 <i>Election Day</i>	6	7	8	9
10	11 <i>Veterans Day Remembrance Day (Canada)</i>	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28 <i>Thanksgiving Day</i>	29	30

Building Envelope Moisture Management Solutions

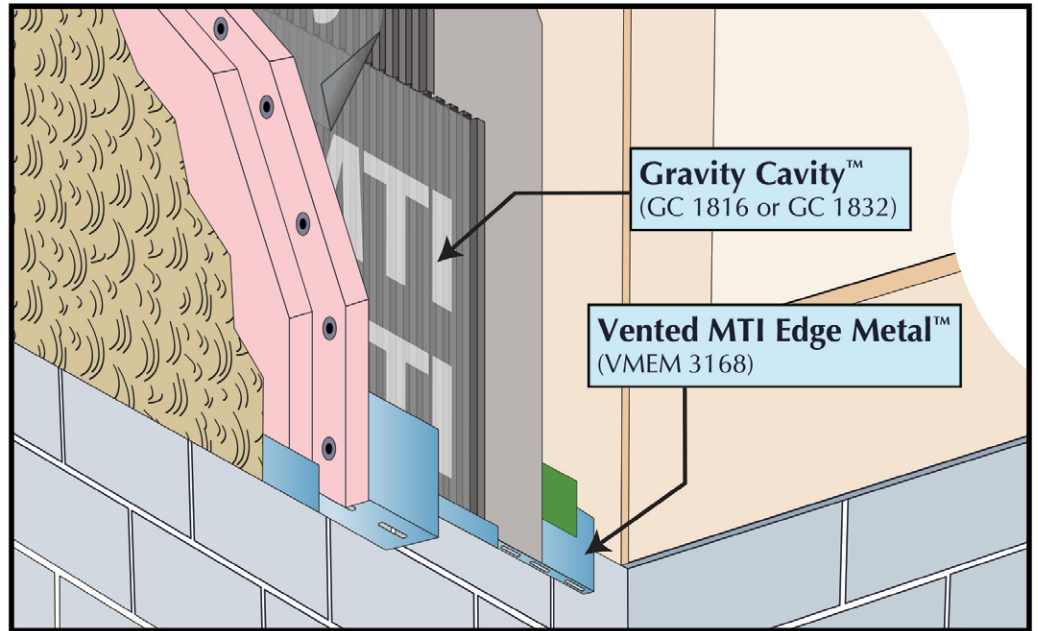
Designing an exterior building envelope that may have two or more layers of boardstock materials that can range from porous to virtually waterproof and that may be vapor retarders under various conditions, carries a significant risk for entrapped moisture.

These characteristics must be known and the exterior building envelope designed to provide for them. This is no easy task, and it involves significant understanding and careful design.

MTI's moisture management systems create solutions to keep your exterior rigid insulation wall system dry.



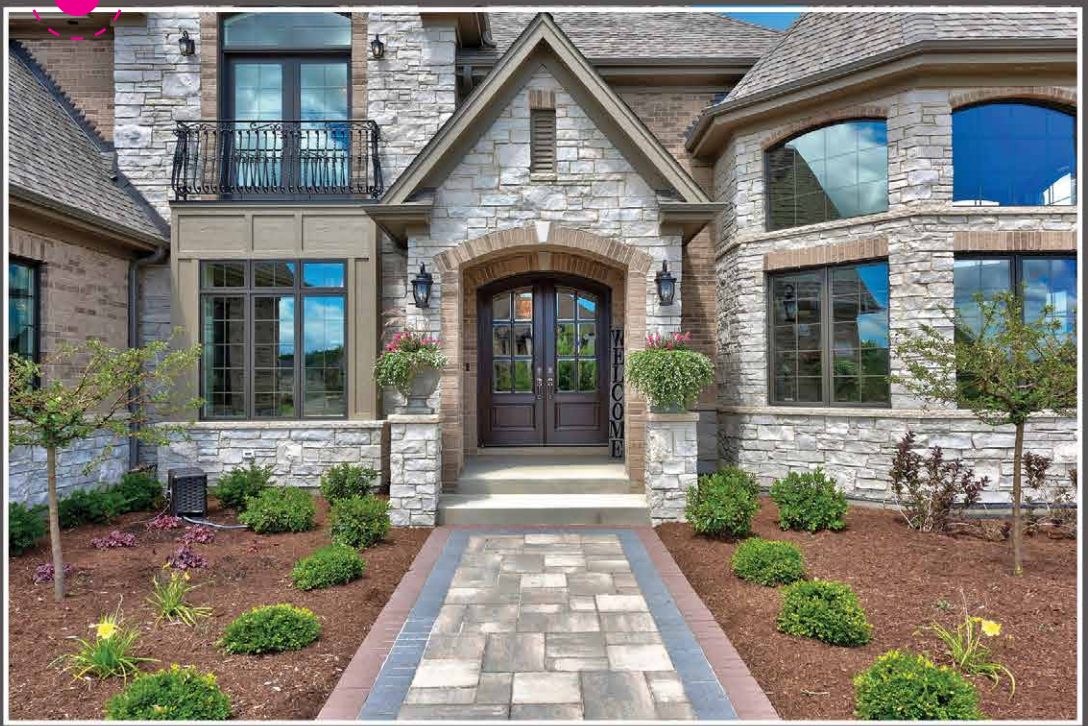
Keep Your High Performance Walls Dry With MTI



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DECEMBER 2024

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7 <i>Pearl Harbor Day</i>
8	9	10	11	12	13	14
15	16	17	18	19	20	21 <i>Winter Begins</i>
22	23	24	25 <i>Christmas Day</i>	26 <i>First Day of Hanukkah Boxing Day (Canada)</i>	27	28
29	30	31 <i>New Year's Eve</i>			NOVEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	JANUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31



Building Envelope Moisture Management Solutions

info@mtidry.com **MTIdry.com** 800-879-3348

JANUARY 2025

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
DECEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	FEBRUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28		1 <i>New Year's Day</i>	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20 <i>Martin Luther King Jr. Day</i>	21	22	23	24	25
26	27	28	29	30	31	



