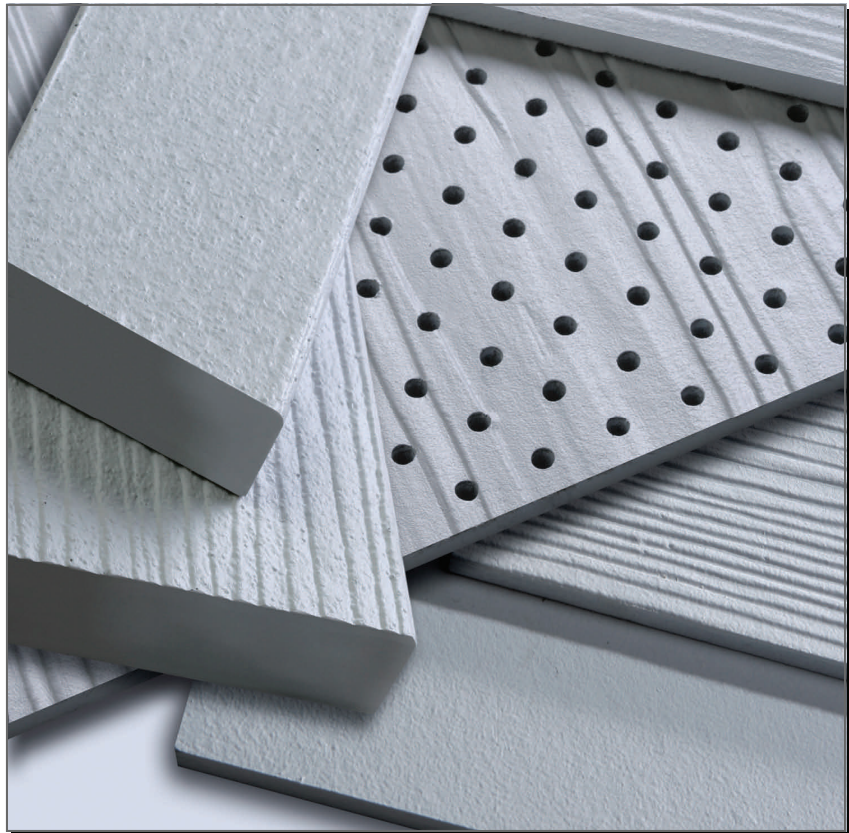




# Direct To Block

## Installer Certification

- 19.1 Guidelines for Installation
- 19.2 Products
- 19.3 Wind load tables



**SECTION 19**

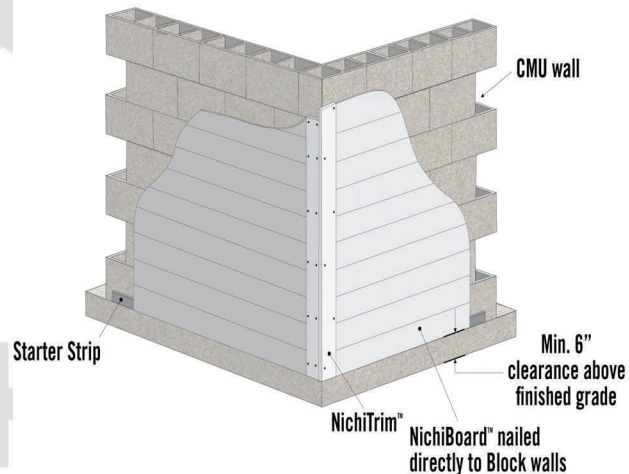
**19.1 Guidelines for Installation**

- Use the proper fastener
  - Recommended: 5323HP ITW Ramset Pin: 1 1/4" x 0.145" smooth shank diameter
- Use the proper fastening tool
  - Recommended: HN120 Max HP fastener
- All fasteners must be located minimum 3/4" away from edges and ends
- Follow local building codes
- Refer to the appropriate wind load table for fastener spacing.

**For trim installation:**

- Use proper fastener
  - Recommended: 1175T Aerosmith Finish Pin: 1 3/4" x 0.086 shank T-head finish pin
- Use proper fastening tool;
  - Recommended: Apach LHT64

All other installation guidelines for our products still apply.



**NICHIBOARD™ LAP SIDING WITH MASONRY CONSTRUCTION  
Method 2 - Direct to Block**

**19.2 Products**

- All NichiProducts can be installed direct to block following the proper nail placement procedures
- A proper Weather Resistant Barrier is required behind the installation of products.

## 19.3 Wind Load Tables

Use the Tables below for blind nailing:

Maximum Wind Speed of 110 mph												
Blind nailing-spacing of fasteners O.C. (inches)												
Height	6-1/4" NichiBoard			7-1/4" NichiBoard			8-1/4" NichiBoard			12" NichiBoard		
	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D
0-15	17	14	12	15	12	10	13	11	9	9	7	6
20	17	13	11	15	11	9	13	10	8	9	7	6
30	17	12	10	15	10	9	13	9	8	9	6	5
40	16	12	10	14	10	8	12	9	7	8	6	5
50	15	11	9	13	9	8	11	8	7	8	5	5
60	14	11	9	12	9	8	11	8	7	7	5	4
60.5	11	8	7	10	7	6	8	6	5	6	4	-
100	10	7	6	8	6	6	7	5	5	5	4	-

Maximum Wind Speed of 120 mph												
Blind nailing-spacing of fasteners O.C. (inches)												
Height	6-1/4" NichiBoard			7-1/4" NichiBoard			8-1/4" NichiBoard			12" NichiBoard		
	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D
0-15	15	12	10	12	10	8	11	9	7	7	6	5
20	15	11	9	12	10	8	11	8	7	7	6	5
30	15	10	9	12	9	7	11	8	6	7	5	4
40	13	10	8	11	8	7	10	7	6	7	5	4
50	12	9	8	11	8	7	9	7	6	6	5	4
60	12	9	7	10	8	6	9	7	5	6	4	4
60.5	9	7	6	8	6	5	7	5	4	5	-	-
100	8	6	5	7	5	5	6	5	4	4	-	-

Maximum Wind Speed of 130 mph												
Blind nailing-spacing of fasteners O.C. (inches)												
Height	6-1/4" NichiBoard			7-1/4" NichiBoard			8-1/4" NichiBoard			12" NichiBoard		
	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D
0-15	12	10	8	11	9	7	9	7	6	6	5	4
20	12	9	8	11	8	7	9	7	6	6	5	4
30	12	9	7	11	7	6	9	6	5	6	4	4
40	11	8	7	10	7	6	8	6	5	6	4	-
50	11	8	7	9	7	6	8	6	5	5	4	-
60	10	7	6	9	6	5	7	6	5	5	4	-
60.5	8	6	5	7	5	4	6	4	4	4	-	-
100	7	5	4	6	4	4	5	4	-	-	-	-

Maximum Wind Speed of 140 mph												
Blind nailing-spacing of fasteners O.C. (inches)												
Height	6-1/4" NichiBoard			7-1/4" NichiBoard			8-1/4" NichiBoard			12" NichiBoard		
	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D
0-15	11	9	7	9	7	6	8	6	5	5	4	-
20	11	8	7	9	7	6	8	6	5	5	4	-
30	11	7	6	9	6	5	8	5	5	5	4	-
40	10	7	6	8	6	5	7	5	4	5	-	-
50	9	7	6	8	6	5	7	5	4	4	-	-
60	9	6	5	7	5	5	6	5	4	4	-	-
60.5	7	5	4	6	4	-	5	4	-	-	-	-
100	6	4	4	5	4	-	4	-	-	-	-	-

Maximum Wind Speed of 150 mph												
Blind nailing-spacing of fasteners O.C. (inches)												
Height	6-1/4" NichiBoard			7-1/4" NichiBoard			8-1/4" NichiBoard			12" NichiBoard		
	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D
0-15	9	7	6	8	6	5	7	5	4	5	4	-
20	9	7	6	8	6	5	7	5	4	5	-	-
30	9	6	5	8	5	4	7	5	4	5	-	-
40	8	6	5	7	5	4	6	4	4	4	-	-
50	8	6	5	7	5	4	6	4	4	4	-	-
60	7	5	5	6	5	4	5	4	-	4	-	-
60.5	6	4	4	5	4	-	4	-	-	-	-	-
100	5	4	-	4	-	-	4	-	-	-	-	-

Use the tables below for face nailing:

Maximum Wind Speed of 110 mph												
Face nailing-spacing of fasteners O.C. (inches)												
Height	6-1/4" NichiBoard			7-1/4" NichiBoard			8-1/4" NichiBoard			12" NichiBoard		
	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D
0-15	24	24	24	24	24	24	24	24	21	21	18	14
20	24	24	24	24	24	23	24	24	20	21	17	14
30	24	24	24	24	24	21	24	22	19	21	15	13
40	24	24	24	24	24	20	24	21	18	20	14	12
50	24	24	23	24	23	19	24	20	17	18	14	12
60	24	24	22	24	22	19	24	19	16	18	13	11
60.5	24	20	17	23	17	15	20	15	13	14	10	9
100	23	18	16	20	16	14	17	14	12	12	9	8

Maximum Wind Speed of 120 mph												
Face nailing-spacing of fasteners O.C. (inches)												
Height	6-1/4" NichiBoard			7-1/4" NichiBoard			8-1/4" NichiBoard			12" NichiBoard		
	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D
0-15	24	24	23	24	24	20	24	22	18	18	15	12
20	24	24	22	24	23	19	24	20	17	18	14	11
30	24	24	21	24	21	18	24	19	16	18	13	11
40	24	23	20	24	20	17	24	17	15	16	12	10
50	24	22	19	24	19	16	23	17	14	15	11	10
60	24	21	18	24	18	16	22	16	14	15	11	9
60.5	23	17	14	19	15	12	17	13	11	12	9	7
100	19	15	13	17	13	11	15	11	10	10	8	7

Maximum Wind Speed of 130 mph												
Face nailing-spacing of fasteners O.C. (inches)												
Height	6-1/4" NichiBoard			7-1/4" NichiBoard			8-1/4" NichiBoard			12" NichiBoard		
	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D
0-15	24	24	20	24	21	17	22	18	15	15	12	10
20	24	23	19	24	20	16	22	17	14	15	12	10
30	24	21	18	24	18	15	22	16	13	15	11	9
40	24	20	17	23	17	14	20	15	13	14	10	8
50	24	19	16	22	16	14	19	14	12	13	10	8
60	24	18	15	21	16	13	18	14	11	12	9	8
60.5	19	14	12	17	12	10	14	11	9	10	7	6
100	16	13	11	14	11	10	12	10	8	8	6	6

Maximum Wind Speed of 140 mph												
Face nailing-spacing of fasteners O.C. (inches)												
Height	6-1/4" NichiBoard			7-1/4" NichiBoard			8-1/4" NichiBoard			12" NichiBoard		
	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D	EXP B	EXP C	EXP D
0-15	24	21	17	22	18	15	19	16	13	13	11	9
20	24	20	16	22	17	14	19	15	12	13	10	8
30	24	18	15	22	15	13	19	14	11	13	9	8
40	23	17	14	20	15	12	18	13	11	12	9	7
50	22	16	14	19	14	12	16	12	10	11	8	7
60	21	16	13	18	13	11	16	12	10	11	8	7
60.5	17	12	10	14	11	9	12	9	8	8	6	5
100	14	11	10	12	9	8	11	8	7	7	5	5

<b>Maximum Wind Speed of 150 mph</b>												
<b>Face nailing-spacing of fasteners O.C. (Inches)</b>												
<b>Height</b>	<b>6-1/4" NichiBoard</b>			<b>7-1/4" NichiBoard</b>			<b>8-1/4" NichiBoard</b>			<b>12" NichiBoard</b>		
	<b>EXP B</b>	<b>EXP C</b>	<b>EXP D</b>	<b>EXP B</b>	<b>EXP C</b>	<b>EXP D</b>	<b>EXP B</b>	<b>EXP C</b>	<b>EXP D</b>	<b>EXP B</b>	<b>EXP C</b>	<b>EXP D</b>
0-15	22	18	15	19	16	13	17	14	11	11	9	7
20	22	17	14	19	15	12	17	13	11	11	9	7
30	22	16	13	19	13	11	17	12	10	11	8	7
40	20	15	12	17	13	11	15	11	9	10	7	6
50	19	14	12	16	12	10	14	10	9	10	7	6
60	18	13	11	16	12	10	14	10	9	9	7	6
60.5	14	11	9	12	9	8	11	8	7	7	5	4
100	12	10	8	10	8	7	9	7	6	6	5	4