



2021-01

Nominal Thickness (inches)	Thermal R-Value ¹			
	R-Matte Plus-3, Thermasheath	Thermasheath-XP, TSP, ECOMAXci FR and TSX-8510	ECOMAXci FR Air Barrier	Durasheath
0.5	3.2	3.2	3.2	3.0
0.625	4.0	4.0	4.0	3.8
0.75	5.0	5.0	5.0	4.5
1.00	6.0	6.0	6.5	6.0
1.10	6.7	6.7	7.2	6.6
1.20	7.4	7.4	7.9	7.2
1.25	7.8	7.8	8.3	7.5
1.30	8.1	8.1	8.6	7.8
1.40	8.9	8.9	9.3	8.4
1.50	9.6	9.6	10.0	9.1
1.55	10.0	10.0	---	---
1.60	10.3	10.3	10.6	9.7
1.70	11.0	11.0	11.2	10.3
1.75	11.4	11.4	11.6	10.6
1.80	11.7	11.7	11.9	10.9
1.90	12.4	12.4	12.5	11.5
2.00	13.1	13.1	13.1	12.1
2.10	13.9	13.9	13.9	12.7
2.20	14.6	14.6	14.6	13.4
2.25	14.9	14.9	14.9	13.7
2.30	15.3	15.3	15.3	14.0
2.40	16.0	16.0	16.0	14.7
2.50	16.7	16.7	16.7	15.3
2.60	17.4	17.4	17.4	15.9
2.70	18.1	18.1	18.1	16.6
2.75	18.5	18.5	18.5	16.9
2.80	18.9	18.9	18.9	17.2
2.90	19.6	19.6	19.6	17.9
3.00	20.3	20.3	20.3	18.5
3.10	21.0	21.0	21.0	19.2
3.20	21.7	21.7	21.7	19.8
3.25	22.1	22.1	22.1	20.1
3.30	22.4	22.4	22.4	20.5
3.40	23.1	23.1	23.1	21.1
3.50	23.9	23.9	23.9	21.8
3.60	24.6	24.6	24.6	22.4
3.70	25.3	25.3	25.3	23.1
3.75	25.6	25.6	25.6	23.4
3.80	26.0	26.0	26.0	23.7
3.90	26.7	26.7	26.7	24.4
4.00	27.4	27.4	27.4	25.0
4.10	28.1	28.1	28.1	25.7
4.20	28.9	28.9	28.9	26.3
4.25	29.2	29.2	29.2	26.6
4.30	29.6	29.6	29.6	27.0
4.40	30.3	30.3	30.3	27.6
4.50	31.0	31.0	31.0	28.3

¹ Determined by ASTM C518 at 75F mean temperature on material conditioned according to PIMA TB101.



2018-03

ThermaBase-CI Utilizing Thermasheath with Alternate Nailing Surfaces

Foam Thickness (inches)	7/16" OSB or 1/2" Plywood		5/8" OSB or Plywood		3/4" OSB or Plywood	
	Nominal Thickness (inches) ¹	Thermal R-Value ^{1,2}	Nominal Thickness (inches) ¹	Thermal R-Value ^{1,2}	Nominal Thickness (inches) ¹	Thermal R-Value ^{1,2}
0.50	1.00	3.8	1.125	3.9	1.25	4.1
0.75	1.25	5.6	1.375	5.7	1.50	5.9
1.00	1.50	6.6	1.625	6.7	1.75	6.9
1.10	1.60	7.3	1.725	7.4	1.85	7.6
1.20	1.70	8.0	1.825	8.1	1.95	8.3
1.25	1.75	8.4	1.875	8.5	2.00	8.7
1.30	1.80	8.7	1.925	8.8	2.05	9.0
1.40	1.90	9.5	2.025	9.6	2.15	9.8
1.50	2.00	10.2	2.125	10.3	2.25	10.5
1.60	2.10	10.9	2.225	11.0	2.35	11.2
1.70	2.20	11.6	2.325	11.7	2.45	11.9
1.75	2.25	12.0	2.375	12.1	2.50	12.3
1.80	2.30	12.3	2.425	12.4	2.55	12.6
1.90	2.40	13.0	2.525	13.1	2.65	13.3
2.00	2.50	13.7	2.625	13.8	2.75	14.0
2.10	2.60	14.5	2.725	14.6	2.85	14.8
2.20	2.70	15.2	2.825	15.3	2.95	15.5
2.25	2.75	15.5	2.875	15.6	3.00	15.8
2.30	2.80	15.9	2.925	16.0	3.05	16.2
2.40	2.90	16.6	3.025	16.7	3.15	16.9
2.50	3.00	17.3	3.125	17.4	3.25	17.6
2.60	3.10	18.0	3.225	18.1	3.35	18.3
2.70	3.20	18.7	3.325	18.8	3.45	19.0
2.75	3.25	19.1	3.375	19.2	3.50	19.4
2.80	3.30	19.5	3.425	19.6	3.55	19.8
2.90	3.40	20.2	3.525	20.3	3.65	20.5
3.00	3.50	20.9	3.625	21.0	3.75	21.2
3.10	3.60	21.6	3.725	21.7	3.85	21.9
3.20	3.70	22.3	3.825	22.4	3.95	22.6
3.25	3.75	22.7	3.875	22.8	4.00	23.0
3.30	3.80	23.0	3.925	23.1	4.05	23.3
3.40	3.90	23.7	4.025	23.8	4.15	24.0
3.50	4.00	24.5	4.125	24.6	4.25	24.8
3.60	4.10	25.2	4.225	25.3	4.35	25.5
3.70	4.20	25.9	4.325	26.0	4.45	26.2
3.75	4.25	26.2	4.375	26.3	4.50	26.5
3.80	4.30	26.6	4.425	26.7	4.55	26.9
3.90	4.40	27.3	4.525	27.4	4.65	27.6
4.00	4.50	28.0	4.625	28.1	4.75	28.3
4.10	4.60	28.7	4.725	28.8	4.85	29.0
4.20	4.70	29.5	4.825	29.6	4.95	29.8
4.25	4.75	29.8	4.875	29.9	5.00	30.1
4.30	4.80	30.2	4.925	30.3	5.05	30.5
4.40	4.90	30.9	5.025	31.0	5.15	31.2
4.50	5.00	31.6	5.125	31.7	5.25	31.9

¹ Nominal thicknesses and Thermal R-Values include wood panel.

² Determined by ASTM C518 at 75F mean temperature on material conditioned according to PIMA TB101.



2018-03

ThermaBase-CI Utilizing Durasheath with Alternate Nailing Surfaces

Foam Thickness (inches)	7/16" OSB or 1/2" Plywood		5/8" OSB or Plywood		3/4" OSB or Plywood	
	Nominal Thickness (inches) ¹	Thermal R-Value ^{1,2}	Nominal Thickness (inches) ¹	Thermal R-Value ^{1,2}	Nominal Thickness (inches) ¹	Thermal R-Value ^{1,2}
0.50	1.00	3.6	1.125	3.7	1.25	3.9
0.75	1.25	5.1	1.375	5.2	1.50	5.4
1.00	1.50	6.6	1.625	6.7	1.75	6.9
1.10	1.60	7.2	1.725	7.3	1.85	7.5
1.20	1.70	7.8	1.825	7.9	1.95	8.1
1.25	1.75	8.1	1.875	8.2	2.00	8.4
1.30	1.80	8.4	1.925	8.5	2.05	8.7
1.40	1.90	9.0	2.025	9.1	2.15	9.3
1.50	2.00	9.7	2.125	9.8	2.25	10.0
1.60	2.10	10.3	2.225	10.4	2.35	10.6
1.70	2.20	10.9	2.325	11.0	2.45	11.2
1.75	2.25	11.2	2.375	11.3	2.50	11.5
1.80	2.30	11.5	2.425	11.6	2.55	11.8
1.90	2.40	12.1	2.525	12.2	2.65	12.4
2.00	2.50	12.7	2.625	12.8	2.75	13.0
2.10	2.60	13.3	2.725	13.4	2.85	13.6
2.20	2.70	14.0	2.825	14.1	2.95	14.3
2.25	2.75	14.3	2.875	14.4	3.00	14.6
2.30	2.80	14.6	2.925	14.7	3.05	14.9
2.40	2.90	15.3	3.025	15.4	3.15	15.6
2.50	3.00	15.9	3.125	16.0	3.25	16.2
2.60	3.10	16.5	3.225	16.6	3.35	16.8
2.70	3.20	17.2	3.325	17.3	3.45	17.5
2.75	3.25	17.5	3.375	17.6	3.50	17.8
2.80	3.30	17.8	3.425	17.9	3.55	18.1
2.90	3.40	18.5	3.525	18.6	3.65	18.8
3.00	3.50	19.1	3.625	19.2	3.75	19.4
3.10	3.60	19.8	3.725	19.9	3.85	20.1
3.20	3.70	20.4	3.825	20.5	3.95	20.7
3.25	3.75	20.7	3.875	20.8	4.00	21.0
3.30	3.80	21.1	3.925	21.2	4.05	21.4
3.40	3.90	21.7	4.025	21.8	4.15	22.0
3.50	4.00	22.4	4.125	22.5	4.25	22.7
3.60	4.10	23.0	4.225	23.1	4.35	23.3
3.70	4.20	23.7	4.325	23.8	4.45	24.0
3.75	4.25	24.0	4.375	24.1	4.50	24.3
3.80	4.30	24.3	4.425	24.4	4.55	24.6
3.90	4.40	25.0	4.525	25.1	4.65	25.3
4.00	4.50	25.6	4.625	25.7	4.75	25.9
4.10	4.60	26.3	4.725	26.4	4.85	26.6
4.20	4.70	26.9	4.825	27.0	4.95	27.2
4.25	4.75	27.2	4.875	27.3	5.00	27.5
4.30	4.80	27.6	4.925	27.7	5.05	27.9
4.40	4.90	28.2	5.025	28.3	5.15	28.5
4.50	5.00	28.9	5.125	29.0	5.25	29.2

¹ Nominal thicknesses and Thermal R-Values include wood panel.

² Determined by ASTM C518 at 75F mean temperature on material conditioned according to PIMA TB101.



2018-03

Foam Thickness (inches)	ECOMAXci Ply with Alternate Nailing Surfaces			
	5/8" Fire Treated Plywood		3/4" Fire Treated Plywood	
	Nominal Thickness (inches) ¹	Thermal R-Value ^{1,2}	Nominal Thickness (inches) ¹	Thermal R-Value ^{1,2}
0.75	1.375	5.2	1.50	5.4
1.00	1.625	6.7	1.75	6.9
1.10	1.725	7.3	1.85	7.5
1.20	1.825	7.9	1.95	8.1
1.25	1.875	8.2	2.00	8.4
1.30	1.925	8.5	2.05	8.7
1.40	2.025	9.1	2.15	9.3
1.50	2.125	9.8	2.25	10.0
1.60	2.225	10.4	2.35	10.6
1.70	2.325	11.0	2.45	11.2
1.75	2.375	11.3	2.50	11.5
1.80	2.425	11.6	2.55	11.8
1.90	2.525	12.2	2.65	12.4
2.00	2.625	12.8	2.75	13.0
2.10	2.725	13.4	2.85	13.6
2.20	2.825	14.1	2.95	14.3
2.25	2.875	14.4	3.00	14.6
2.30	2.925	14.7	3.05	14.9
2.40	3.025	15.4	3.15	15.6
2.50	3.125	16.0	3.25	16.2
2.60	3.225	16.6	3.35	16.8
2.70	3.325	17.3	3.45	17.5
2.75	3.375	17.6	3.50	17.8
2.80	3.425	17.9	3.55	18.1
2.90	3.525	18.6	3.65	18.8
3.00	3.625	19.2	3.75	19.4
3.10	3.725	19.9	3.85	20.1
3.20	3.825	20.5	3.95	20.7
3.25	3.875	20.8	4.00	21.0
3.30	3.925	21.2	4.05	21.4
3.40	4.025	21.8	4.15	22.0
3.50	4.125	22.5	4.25	22.7
3.60	4.225	23.1	4.35	23.3
3.70	4.325	23.8	4.45	24.0
3.75	4.375	24.1	4.50	24.3
3.80	4.425	24.4	4.55	24.6
3.90	4.525	25.1	4.65	25.3
4.00	4.625	25.7	4.75	25.9
4.10	4.725	26.4	4.85	26.6
4.20	4.825	27.0	4.95	27.2
4.25	4.875	27.3	5.00	27.5
4.30	4.925	27.7	5.05	27.9
4.40	5.025	28.3	5.15	28.5
4.50	5.125	29.0	5.25	29.2

¹ Nominal thicknesses and Thermal R-Values include wood panel.

² Determined by ASTM C518 at 75F mean temperature on material conditioned according to PIMA TB101.



2018-09

Foam Thickness (inches)	ECOMAXci FR Ply with Alternate Nailing Surfaces			
	5/8" Fire Treated Plywood		3/4" Fire Treated Plywood	
	Nominal Thickness (inches) ¹	Thermal R-Value ^{1,2}	Nominal Thickness (inches) ¹	Thermal R-Value ^{1,2}
0.75	1.375	5.7	1.50	5.9
1.00	1.625	6.7	1.75	6.9
1.10	1.725	7.4	1.85	7.6
1.20	1.825	8.1	1.95	8.3
1.25	1.875	8.5	2.00	8.7
1.30	1.925	8.8	2.05	9.0
1.40	2.025	9.6	2.15	9.8
1.50	2.125	10.3	2.25	10.5
1.60	2.225	11.0	2.35	11.2
1.70	2.325	11.7	2.45	11.9
1.75	2.375	12.1	2.50	12.3
1.80	2.425	12.4	2.55	12.6
1.90	2.525	13.1	2.65	13.3
2.00	2.625	13.8	2.75	14.0
2.10	2.725	14.6	2.85	14.8
2.20	2.825	15.3	2.95	15.5
2.25	2.875	15.6	3.00	15.8
2.30	2.925	16.0	3.05	16.2
2.40	3.025	16.7	3.15	16.9
2.50	3.125	17.4	3.25	17.6
2.60	3.225	18.1	3.35	18.3
2.70	3.325	18.8	3.45	19.0
2.75	3.375	19.2	3.50	19.4
2.80	3.425	19.6	3.55	19.8
2.90	3.525	20.3	3.65	20.5
3.00	3.625	21.0	3.75	21.2
3.10	3.725	21.7	3.85	21.9
3.20	3.825	22.4	3.95	22.6
3.25	3.875	22.8	4.00	23.0
3.30	3.925	23.1	4.05	23.3
3.40	4.025	23.8	4.15	24.0
3.50	4.125	24.6	4.25	24.8
3.60	4.225	25.3	4.35	25.5
3.70	4.325	26.0	4.45	26.2
3.75	4.375	26.3	4.50	26.5
3.80	4.425	26.7	4.55	26.9
3.90	4.525	27.4	4.65	27.6
4.00	4.625	28.1	4.75	28.3
4.10	4.725	28.8	4.85	29.0
4.20	4.825	29.6	4.95	29.8
4.25	4.875	29.9	5.00	30.1
4.30	4.925	30.3	5.05	30.5
4.40	5.025	31.0	5.15	31.2
4.50	5.125	31.7	5.25	31.9

¹ Nominal thicknesses and Thermal R-Values include wood panel.

² Determined by ASTM C518 at 75F mean temperature on material conditioned according to PIMA TB101.