

REPORT DESCRIPTION: Market Research Report, Average Home Purchase Data and Forecast, Market Share, Market Size, Sales, Market Demand Data, Residential Building Products, New Homes, Construction Industry, Trends, Single Family Homes, Multifamily.

REPORT CONTENTS: Data on Square Feet of Sheathing of Exterior Walls, Wall Sheathing and Wall Sheathing with Waste Included, two layers of Wall Sheathing. Wall Sheathing material include SIPs, Plywood, OSB, Fiberboard, Cementitious Board, Fiber Cement, Extruded Foam, Expanded Foam, and Polyisocyanurate Foam.

SHEATHING for WALLS MARKET DEMAND DATA - NEW RESIDENTIAL CONSTRUCTION

BUILDER PRACTICES REPORTS NAHB Research Center, Inc.	SINGLE FAMILY DETACHED	MULTIFAMILY DWELLINGS	PRODUCT USAGE
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UNITED STATES

HOUSING STARTS
Single-Family Detached
Multifamily (SFA & MF)
TOTAL

WALL SHEATHING

WALL SHEATHING
Square Feet of Exterior Wall
None (SIPs or other)

Plywood - 3/8 inch
Plywood - 1/2 inch
Plywood - 5/8 inch
Plywood - 3/4 inch
Subtotal - Plywood

OSB - 3/8 inch
OSB - 7/16 inch
OSB - 1/2 inch
OSB - 5/8 inch
OSB - 3/4 inch
Subtotal - OSB

1/2 inch fiberboard
Cementitious board
Fiber cement
Gypsum
1/8 inch foil faced (Thermoply, EnergyBrace)
1 inch boards

Extruded foam 1/2 inch
Extruded foam 3/4 inch
Extruded foam 1 inch
Extruded foam 1 1/2 inch
Extruded foam 2 inch
Subtotal - XPS

Per-house averages of materials usage, also known as coefficients, for single-family detached homes.

Per-dwelling-unit averages of materials usage, also known as coefficients, for multifamily dwellings such as apartments, duplexes, townhouses and row houses.

An estimate of the total volume or amount of material used in a geographic area. To calculate this data, the Single Family Detached and Multifamily coefficients are multiplied by the estimated housing starts data provided by McGraw Hill Construction Analytics.

SAMPLE DATA SHEET

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SHEATHING for WALLS MARKET DEMAND DATA - NEW RESIDENTIAL CONSTRUCTION

BUILDER PRACTICES REPORTS NAHB Research Center, Inc.	SINGLE FAMILY DETACHED	MULTIFAMILY DWELLINGS	PRODUCT USAGE
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Expanded foam 1/2 inch
 Expanded foam 3/4 inch
 Expanded foam 1 inch
 Expanded foam 1 1/2 inch
 Expanded foam 2 inch
 Subtotal - EPS

Per-house averages of materials usage, also known as coefficients, for single-family detached homes.

Per-dwelling-unit averages of materials usage, also known as coefficients, for multifamily dwellings such as apartments, duplexes, townhouses and row houses.

An estimate of the total volume or amount of material used in a geographic area. To calculate this data, the Single Family Detached and Multifamily coefficients are multiplied by the estimated housing starts data provided by McGraw Hill Construction Analytics.

Polyisocyanurate foam 1/2 inch
 Polyisocyanurate foam 3/4 inch
 Polyisocyanurate foam 1 inch
 Polyisocyanurate foam 1 1/2 inch
 Polyisocyanurate foam 2 inch
 Subtotal - ISO

Other
 TOTAL

WALL SHEATHING - WASTE INCLUDED

Square Feet of Exterior Wall
 None (SIPs or other)

Plywood - 3/8 inch
 Plywood - 1/2 inch
 Plywood - 5/8 inch
 Plywood - 3/4 inch
 Subtotal - Plywood

OSB - 3/8 inch
 OSB - 7/16 inch
 OSB - 1/2 inch
 OSB - 5/8 inch
 OSB - 3/4 inch
 Subtotal - OSB

1/2 inch fiberboard
 Cementitious board
 Fiber cement
 Gypsum
 1/8 inch foil faced (Thermoply, EnergyBrace)
 1 inch boards

Extruded foam 1/2 inch
 Extruded foam 3/4 inch
 Extruded foam 1 inch
 Extruded foam 1 1/2 inch
 Extruded foam 2 inch
 Subtotal - XPS

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SHEATHING for WALLS MARKET DEMAND DATA - NEW RESIDENTIAL CONSTRUCTION

BUILDER PRACTICES REPORTS NAHB Research Center, Inc.	SINGLE FAMILY DETACHED	MULTIFAMILY DWELLINGS	PRODUCT USAGE
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Expanded foam 1/2 inch
 Expanded foam 3/4 inch
 Expanded foam 1 inch
 Expanded foam 1 1/2 inch
 Expanded foam 2 inch
 Subtotal - EPS

Per-house averages of materials usage, also known as coefficients, for single-family detached homes.

Per-dwelling-unit averages of materials usage, also known as coefficients, for multifamily dwellings such as apartments, duplexes, townhouses and row houses.

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Polyisocyanurate foam 1/2 inch
 Polyisocyanurate foam 3/4 inch
 Polyisocyanurate foam 1 inch
 Polyisocyanurate foam 1 1/2 inch
 Polyisocyanurate foam 2 inch
 Subtotal - ISO

Other
 TOTAL

TWO LAYERS OF WALL SHEATHING: ONE FOAM AND ONE STRUCTURAL

Homes
 With two layers of sheathing
 With one layer of sheathing
 TOTAL

SECOND LAYER FOAM WALL SHEATHING

Square Feet of Exterior Wall
 Extruded foam 1/2 inch
 Extruded foam 3/4 inch
 Extruded foam 1 inch
 Extruded foam 1 1/2 inch
 Extruded foam 2 inch
 Subtotal - XPS

Expanded foam 1/2 inch
 Expanded foam 3/4 inch
 Expanded foam 1 inch
 Expanded foam 1 1/2 inch
 Expanded foam 2 inch
 Subtotal - EPS

Polyisocyanurate foam 1/2 inch
 Polyisocyanurate foam 3/4 inch
 Polyisocyanurate foam 1 inch
 Polyisocyanurate foam 1 1/2 inch
 Polyisocyanurate foam 2 inch
 Subtotal - ISO
 TOTAL

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SHEATHING for WALLS MARKET DEMAND DATA - NEW RESIDENTIAL CONSTRUCTION

BUILDER PRACTICES REPORTS
NAHB Research Center, Inc.

SINGLE FAMILY DETACHED

MULTIFAMILY DWELLINGS

PRODUCT USAGE

WALL SHEATHING ON 3/8 INCH BASIS
- WASTE INCLUDED

Square Feet of Material

Plywood

OSB

Extruded polystyrene foam

Expanded polystyrene foam

Polyisocyanurate foam

TOTAL

Per-house averages of materials usage, also known as coefficients, for single-family detached homes.

Per-dwelling-unit averages of materials usage, also known as coefficients, for multifamily dwellings such as apartments, duplexes, townhouses and row houses.

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