

DEFINITION-APPLICATIONS



Tongue and groove boards for walls and ceilings with jaspe texture or smooth that give an architectural detail that rescued the tradition of wood, but with the strength of cement.

Consult the technical data sheets of the Tongue and Groove Siding boards at www.plycem.com

Measurements	
Thickness	14 mm
Width	247,307mm
Length	2438mm

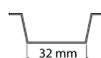
Ask for available stock.

STORAGE AND HANDLING



- The tongue and groove Siding should be transported on a solid and flat platform, with waterproof wrap.
- The tongue and groove Siding should be kept covered and dry. It should be stored on clean pallets on the floor.
- Each pack of Siding should be horizontally carried by two people. Protect the edges and corners to prevent them from breaking. Transport the Plycem tongue and groove Siding by middle of its narrow edge.

STRUCTURE



Furring Channel or omega profile (template) 24 GA (min)



TRACK 32x 50mm 20 GA (min) outdoors (track)



STUD 50x100mm 20 GA (min)



Semi-hard wood piece 50x100 mm minimum.

FASTENINGS



Fastenings

- LH 8-050 (Stud and track assembly)
- MM 10-075 (Structural corner joints or intersections)
- PH 8-125 (Plycem on steel)
- PL 6-100 (Plycem on steel or wood)
- PL 8-175 (Plycem on wood)
- Siding fastening to wood structure 50.8mm nail.
- SPH7-162 (Exposed fastening of Siding)

Anchorage

- Expansion anchor 3"
- Expansion anchor 2 1/4"
- Steel powder actuated drive pin 1"



TOOLS



Screw driver



Level string rope



Construction level



Putty knife



Circular saw with diamond blade



Caulking gun



Brush



Roller



Measuring tape



Rasp

FINISHING PRODUCTS



Paint



Polyurethane Sikaflex 15LM, 1APlus or the like



Filler

INSTALLATION OF STRUCTURE AND BOARDS



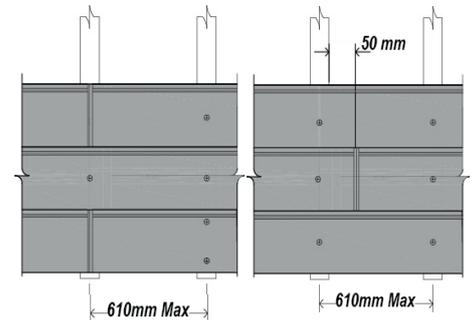
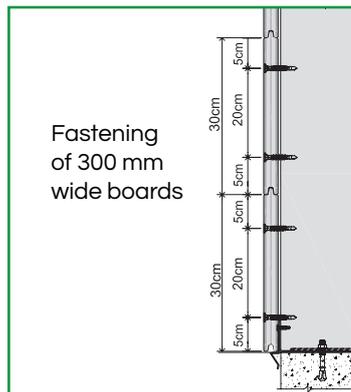
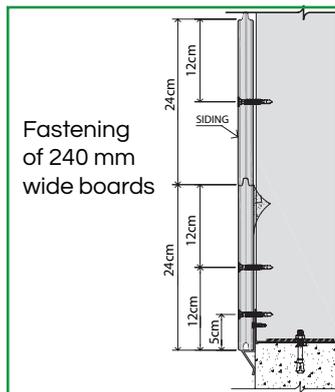
The metal frame shall be 20 Ga, with a maximum space of 610 mm o.c. A moisture barrier (Building Wrap) shall be installed on the structure on external walls.

- Step 1:** Place the structure, with track and stud, on the slab or subfloor.
- Step 2:** Place the profile flashing to level the pieces of Tongue and Groove Siding. Note: A base board (minimum Plyrock 6mm) must be used as a substrate for the exterior Siding in buildings with a height greater than 5 m. The rest of the installation applies in accordance with this guide.
- Step 3:** Install the metal corner on all wall corners.
- Step 4:** Install the Building Wrap, from left to right, from bottom to top, keeping a 100 mm overlap. Make sure that the moisture barrier remains on the flange of the flashing and aluminum corner.
- Step 5:** Install the lateral and upper edge of windows and doors.



- **Step 6:** Install the first piece of tongue and groove Siding from left to right, and continue this way with the rest of the first line. The position of the Siding pieces is always with the tongue joint on top and the right. The groove joint will be on the left and on the bottom of the piece.
Note: Painting the edges of the pieces before starting the installation.
- **Step 7:** Install the following siding pieces. This should be done from left to right, from bottom to top alternating the vertical joint (staggered) at least 610 mm. Only the first line is reinforced with two screws (this only applies to 24 cm Siding).

SIDING FASTENINGS



Note: For other applications on concrete walls or ceilings, refer to the installation manuals in www.plycem.com

FINISHING



Paint

Use a high quality 100% acrylic latex paint to give the Siding finish, following always the manufacturer's instructions. Protect the cuts on site with paint. Apply a first coat before starting the installation, mainly on the tongue and groove siding

Wood look stain

Use dyes for fiber cement to give a Siding cedar wood look stain. Always follow the manufacturer's instructions when apply the dye. Apply two coats with a sponge or cloth. Be sure to dye the tongue and groove edges before installation. It is recommended to apply a first coat of dye over the entire surface before installing:



- **Step 1:** Pour dye into the sponge.
- **Step 2:** Pass the sponge or cloth over the surface of the Siding and always pass it on the same lengthwise direction in order to apply the first coat.
- **Step 3:** Pass the dye over the sides of the Siding and over the tongue and groove edges before its installation, to avoid gray joints.
- **Step 4:** Install the siding one by one. Once the wall is installed, pour the fiber cement dye to the sponge or cloth again, and cover the surface with the dye on the second coat.



DEFINITION-APPLICATIONS



Lap boards for walls with jaspe texture or smooth that give an architectural detail that rescued the tradition of wood, but with the strength of cement.

Consult the technical data sheets of the Lap Siding boards at www.plycem.com

Measurements	
Thickness	14 mm
Width	247,307 mm
Length	2438 mm

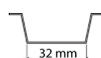
Ask for available stock.

STORAGE AND HANDLING



- The Lap Siding should be transported on a solid and flat platform, with waterproof wrap.
- The Lap Siding should be kept covered and dry. It should be stored on clean pallets on the floor.
- Each pack of Siding should be horizontally carried by two people. Protect the edges and corners to prevent them from breaking. Transport the Plycem Lap Siding by middle of its narrow edge.

STRUCTURE



Furring Channel (template) 24 GA (min)



TRACK 32x 50mm 20 GA (min)



STUD 50x100mm 20 GA (min)



Semi-hard wood piece 50x100 mm minimum.

FASTENINGS

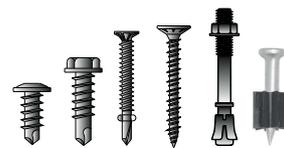


Fastenings

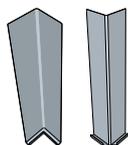
- LH 8-050 (Stud and track assembly)
- MM 10-075 (Structural corner joints or intersections)
- PH 8-125 (Plycem on steel)
- PL 6-100 (Plycem on steel or wood)
- PL 8-175 (Plycem on wood)
- Siding fastening to wood structure (50.8 mm nail)

Anchorage

- Expansion anchor 3"
- Expansion anchor 2 1/4"
- Steel powder actuated drive pin 1"



COMPLEMENTARY ACCESSORIES



Metal Corners



Aluminum flashing



Piece of Plycem Window Sill.

TOOLS



Screw driver



Construction level

Level string rope



Putty knife



Circular saw with diamond blade



Caulking gun



Brush



Roller



Air nailer



Measuring tape



Rasp

FINISHING PRODUCTS



Paint



Polyurethane Sikaflex 15LM, 1APlus or the like



Filler

INSTALLATION OF STRUCTURE AND BOARDS



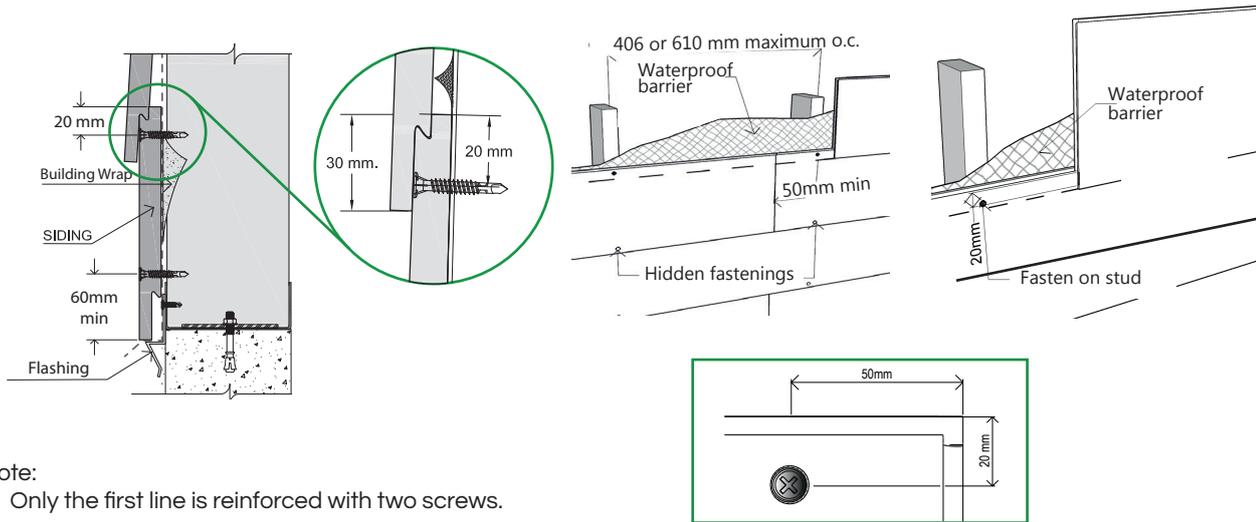
The metal frame shall be 20 Ga, with a maximum space of 610 mm o.c. A moisture barrier (Building Wrap) shall be installed on the structure on external walls.

- **Step 1:** Place the structure, with track and stud profiles, on the slab or subfloor.
- **Step 2:** Install the aluminum flashing to level the pieces of Siding.
Note: A base board (minimum Plyrock 6mm) must be used as a substrate for the exterior Siding in buildings with a height greater than 5 m. The rest of the installation applies in accordance with this guide.
- **Step 3:** Install the moisture barrier, from left to right and from bottom to the top, and keeping a 100 mm overlap. Make sure that the moisture barrier is on the back of the flashing and wrapping the structure.



- **Step 4:** Install the first piece of Lap Siding from left to right. Then, continue this way with the rest of the pieces on the first.
Note: You shall paint the edges of the pieces before starting the installation.
- **Step 5:** Install the following pieces of Siding on the second line and on the following lines. This should always be done from left to right, from bottom to top, alternating the joint (staggered).

SIDING FASTENINGS



Note:

- Only the first line is reinforced with two screws.
- For other applications on concrete walls, refer to the installation manuals in www.plycem.com

INSTALLATION OF CORNERS

Siding pieces should be placed on both sides of a corner as a first step, then the corner is placed from the bottom up.
Note: Paint both sides of the galvanized steel corners before placing them. Also paint the Siding section that is covered by the corner.

FINISHING

Paint

Use a high quality 100% acrylic latex paint to give the Siding finish, following always the manufacturer's instructions. Protect the cuts on site with paint. Apply a first coat before starting the installation, mainly on the tongue and groove siding

Wood look stain

Use dyes for fiber cement to give a Siding cedar wood look stain. Always follow the manufacturer's instructions when apply the dye. Apply two coats with a sponge or cloth. Be sure to dye the tongue and groove edges before installation. It is recommended to apply a first coat of dye over the entire surface before installing:



- **Step 1:** Pour dye into the sponge.
- **Step 2:** Pass the sponge or cloth over the surface of the Siding and always pass it on the same lengthwise direction in order to apply the first coat.
- **Step 3:** Pass the dye over the sides of the Siding and over the tongue and groove edges before its installation, to avoid gray joints.
- **Step 4:** Install the siding one by one. Once the wall is installed, pour the fiber cement dye to the sponge or cloth again, and cover the surface with the dye on the second coat.



DEFINITION-APPLICATIONS



Siding molded planks that give a typical Victorian architectural detail of wood, but with the strength of concrete.

Consult the technical data sheets of the Victorian Siding boards at www.plycem.com

Measurements	
Thickness	11, 17 mm
Width	185 mm
Length	2438 mm

Ask for available stock.

STORAGE AND HANDLING



- The Victorian Siding should be transported on a solid and flat platform, with waterproof wrap.
- The Victorian Siding should be kept covered and dry. It should be stored on clean pallets on the floor.
- Each pack of Siding should be horizontally carried by two people. Protect the edges and corners to prevent them from breaking. Transport the Plycem Victorian Siding by middle of its narrow edge.

STRUCTURE



TRACK 32x 50mm
20 GA (min)
outdoors (track)



STUD 50x100mm
20 GA (min)



Semi-hard
wood piece 50x100 mm
minimum.

FASTENINGS



Fastenings

- LH 8-050 (Stud and track assembly)
- MM 10-075 (Structural corner joints or intersections)
- PH 8-125 (Plycem on steel)
- PL 6-100 (Plycem on steel or wood)
- PL 8-175 (Plycem on wood)
- Siding fastening to wood structure 50.8mm nail.
- SPH7-162 (Exposed fastening of Siding)

Anchorage

- Expansion anchor 3"
- Expansion anchor 2 1/4"
- Steel powder actuated drive pin 1"



TOOLS



Screw driver



Level string rope
Construction level



Putty knife



Circular saw with diamond blade



Caulking gun



Brush



Roller



Measuring tape



Rasp

FINISHING PRODUCTS



Paint



Polyurethane Sikaflex
15LM, 1APlus or the like



Filler



Epoxy

INSTALLATION OF STRUCTURE AND BOARDS



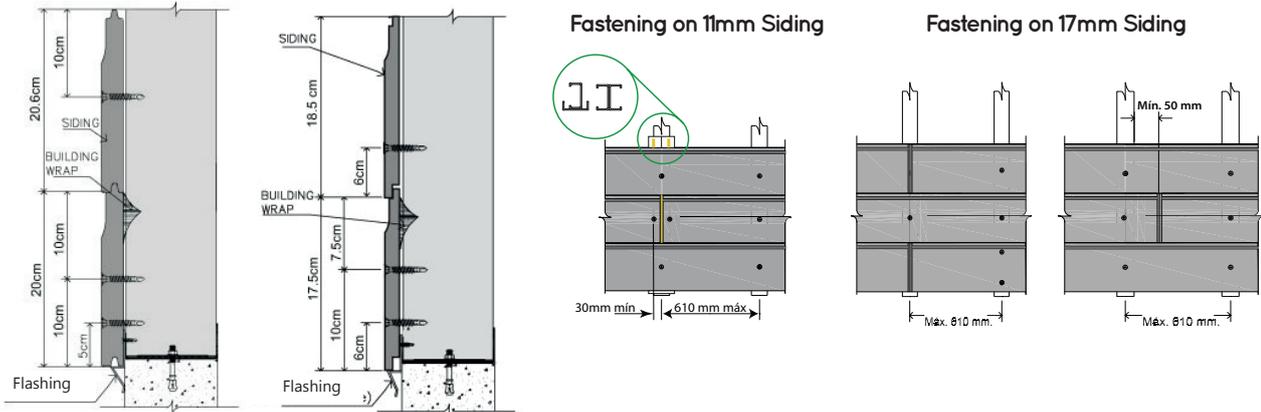
The metal frame shall be 20 Ga, with a maximum space of 610 mm o.c. A moisture barrier (Building Wrap) shall be installed on the structure on external walls.

- **Step 1:** Place the structure, with track and stud profiles, on the slab or subfloor.
- **Step 2:** Install the aluminum flashing to level the pieces of Siding. The corner joint of the aluminum flashing must be at 45°. Note: A base board (minimum Plyrock 6mm) must be used as a substrate for the exterior Siding in buildings with a height greater than 3 m. The rest of the installation applies in accordance with this guide.
- **Step 3:** Install the moisture barrier, from left to right and from bottom to the top, and keeping a 100 mm overlap. Make sure that the moisture barrier is on the back of the flashing and wrapping the structure and finishing outside at the edges of windows and doors.
- **Step 4:** Place the first piece of Victorian Siding from left to right and consecutively the rest in the first row. It is also important to place the tongue and groove at the top and to the right.



- **Step 5:** Install the following siding pieces. This should be done from left to right, from bottom to top alternating the vertical joint (staggered). A bead of Sikaflex 15 LM must be placed in each joint. Note: Only the first row is reinforced with two screws, paint the edges of the pieces before starting the installation.

SIDING FASTENINGS



Note: For other applications on concrete walls, refer to the installation manuals in www.plycem.com

CORNERS



- **Butt joint (45° Cutting):** At the joint of the two pieces, apply a bead of Sikaflex 221, 1APlus or Epoxy Pegacem in the cut of the piece.
- **Butt joint with roughing:** Apply a bead of Sikaflex 221 or Epoxy at the joint of the two pieces in the cut of the piece. After drying, roughen with a rasp.
- **Fiber cement corner:** Before placing the fiber cement corner it is necessary to apply a bead of Sikaflex 15 LM, 1APlus or the like. For more details refer to the Installation Manual at www.plycem.com.

FINISHING

Paint

Use a high quality 100% acrylic latex paint to give the Siding finish, following always the manufacturer's instructions. Protect the cuts on site with paint. Apply a first coat before starting the installation, mainly on the tongue and groove siding

Wood look stain

Use dyes for fiber cement to give a Siding cedar wood look stain. Always follow the manufacturer's instructions when apply the dye. Apply two coats with a sponge or cloth. Be sure to dye the tongue and groove edges before installation. It is recommended to apply a first coat of dye over the entire surface before installing:

- **Step 1:** Pour dye into the sponge.
- **Step 2:** Pass the sponge or cloth over the surface of the Siding and always pass it on the same lengthwise direction in order to apply the first coat.
- **Step 3:** Pass the dye over the sides of the Siding and over the tongue and groove edges before its installation, to avoid gray joints.
- **Step 4:** Install the siding one by one. Once the wall is installed, pour the fiber cement dye to the sponge or cloth again, and cover the surface with the dye on the second coat.



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