

## Soudal products in use with saveBOARD betterJOINERY.



### Fixing recommendation for internal installation.

#### Scenario 1

##### Purpose

For the bonding of “betterJOINERY” lining to a *Timber Framed/Battened Interior Wall*. This specification is designed for the securing of the saveBOARD product without the use of mechanical fastenings.

##### Products Required

###### New Zealand

- Gorilla MS Sealant
- Soudaseal 240FC
- Holdfast Double Sided Foam Tape 12mm x 2mm x 30m
- Soudal Swipex

###### Australia

- Multibond SMX35
- T-Rex FLEX
- Double Sided Foam Tape 12mm x 2mm x 30m
- Soudal Swipex

#### Procedure

##### Step 1

Ensure you read the Product Technical Documents before you begin. If at this point you have any questions please contact your local Soudal Territory Manager

##### Step 2

Ensure that the walls that you are working with are straight and flat, use a straight edge for this. Where this is not so, there may be additional stresses on the bonded joints once applied.

##### Step 3

If using “Timber Battens” Soudal Ltd recommends that these be not less than 40mm wide.

##### Step 4

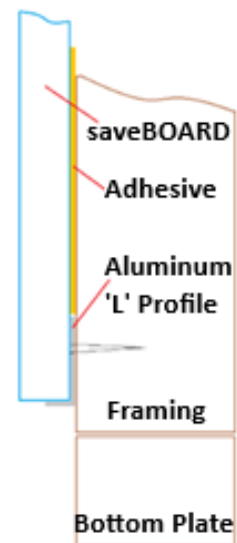
Wipe down all surfaces to be bonded with the Soudal Cleaner & Degreaser or a general solvent cleaner to ensure that you remove all traces of surface contaminants. With this product, preparation is everything. Leave to dry for a period of 2-5 minutes.

## Step 4A

### Supporting the Panels while curing takes place

While this applies to all panels, it is especially important that this is accounted for when looking to eliminate mechanical pinning or brads. Panels need to be flat, without deformation.

1. So that the panel does not sit directly on the floor, position 10mm Soudal H-Packers along the bottom edge at intervals while the adhesive dries.
2. Aluminium 'L' Profile to support base of panel in conjunction with adhesive. Enables you to set the panel at any height from the base.



## Step 5

Position the tape, full height onto the framing to one side. This allows room for application of the adhesive so that when compressed the adhesive does not flow over the tape (reducing the potential initial hold of the tape).

## Step 6

Position 7-8mm continuous beads of adhesive the full height length approx. 20-25mm from the applied tape. When the 7mm bead of adhesive is compressed to 2mm thick, it is now approx. 15mm wide.

## Step 7

Ensure that you have positioned your base packers so that you are a minimum of 10mm from the floor (if positioning to full length). This will provide horizontal support while the adhesive is curing.

If you have a coved flooring system then an appropriate aluminium "L" section can be mechanically fixed to the wall to provide a base, *refer STEP 4A*.



## Step 8

Press back into position and press to the wall. Support the panel while pressing to the wall. (**Note** that the Double Sided Tape provides the initial bond while the adhesive provides the secondary Bond. As the adhesive cures the primary bond is taken by adhesive). When the 7mm bead of adhesive is compressed to 2mm thick, it is now approx. 15mm wide.

## Step 9 – Jointing Between Panels

There are a number of ways that this can be achieved.

This can be achieved with the correct sealant choice, however requires the following:

1. Use of Soudal Surface Activator
  - a. Ensuring that the sealant is forced between the two panels, to ensure that you have a depth of product
  - b. Tooling off
    - i. This can be achieved either flat or to the surface of convex finish.

### **Advantages – Flat**

#### **Tooling**

- Simple, and tradie's are familiar with this type of finish

### **Disadvantages - Flat**

#### **Tooling**

- May leave exposed internal edges that could deteriorate over time.

### **Advantages – Convex**

#### **Tooling**

- Protects across the edges to leave no exposed material

### **Disadvantages - Convex**

#### **Tooling**

- Requires more care and attention to get it looking good.

2. Use of various preformed mouldings in either PVC or Aluminium.
  - a. Both products can be paint-coated,
  - b. both products can accommodate different panel thicknesses.
    - New Zealand – Soudal Slimline Mouldings

## Step 10

If you should get the adhesive on the finished Interior Lining you can use the Soudal Swipex to remove any smears of adhesive as soon as possible.

If you have any further questions, please do not hesitate to contact Soudal Ltd

- New Zealand Ph: 0800701080
- Australia Ph: 1300 507 011



## Scenario 2

### Purpose

For the bonding of “**betterJOINERY**” lining to a *Steel Framed Interior Wall*. This specification is designed for the securing of the saveBOARD product without the use of mechanical fastenings.

### Products Required

#### New Zealand

- Gorilla MS Sealant
- Soudaseal 240FC
- Holdfast Double Sided Foam Tape 12mm x 2mm x 30m
- Soudal Surface Activator
- Soudal Swipex

#### Australia

- Multibond SMX35
- T-Rex FLEX
- Double Sided Foam Tape 12mm x 2mm x 30m
- Soudal Surface Activator
- Soudal Swipex

## Procedure

### Step 1

Ensure you read the Product Technical Documents before you begin. If at this point you have any questions, please contact your local Soudal Territory Manager

### Step 2

Ensure that the walls that you are working with are straight and flat, use a straight edge for this. Where this is not so, there may be additional stresses on the bonded joints once applied.

### Step 3

Wipe down all surfaces to be bonded with the Soudal Cleaner & Degreaser or a general solvent cleaner to ensure that you remove all traces of surface contaminants. With this product, preparation is everything. Leave to dry for a period of 2-5 minutes.

### Step 4

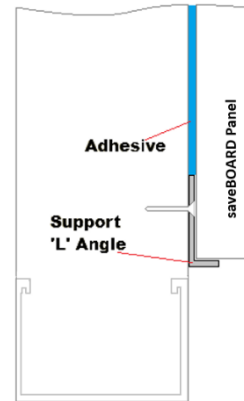
Position the tape, full height onto the framing to one side. This allows room for application of the adhesive so that when compressed the adhesive does not flow over the tape (reducing the potential initial hold of the tape).

## Step 4A

**Supporting the Panels** while curing takes place

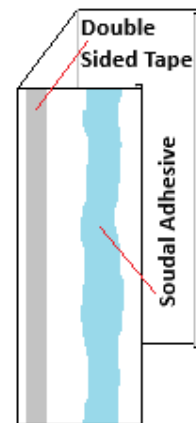
While this applies to all panels, it is especially important that this is accounted for when looking to eliminate mechanical pinning or brads. Panels need to be flat, without deformation.

1. So that the panel does not sit directly on the floor, position 10mm Soudal H-Packers along the bottom edge at intervals while the adhesive dries.
2. Aluminium 'L' Profile to support base of panel in conjunction with adhesive. Enables you to set the panel at any height from the base.



## Step 5

Position 7-8mm continuous beads of adhesive the full height length approx. 20-25mm from the applied tape. When the 7mm bead of adhesive is compressed to 2mm thick, it is now approx. 15mm wide.



## Step 6

Ensure that you have positioned your base packers so that you are a minimum of 10mm from the floor (if positioning to full length). This will provide horizontal support while the adhesive is curing.

If you have a coved flooring system then an appropriate aluminium "L" section can be mechanically fixed to the wall to provide a base, *refer STEP 4A*.

## Step 7

Press back into position and press to the wall. Support the panel while pressing to the wall. (**Note** that the Double Sided Tape provides the initial bond while the adhesive provides the secondary Bond. As the adhesive cures the primary bond is taken by adhesive). When the 7mm bead of adhesive is compressed to 2mm thick, it is now approx. 15mm wide.

## Step 8 – Jointing Between Panels

There are a number of ways that this can be achieved.

This can be achieved with the correct sealant choice, however requires the following:

1. Use of Soudal Surface Activator
  - a. Ensuring that the sealant is forced between the two panels, to ensure that you have a depth of product
  - b. Tooling off
    - i. This can be achieved either flat or to the surface of convex finish.

### **Advantages – Flat**

#### **Tooling**

- Simple, and tradie's are familiar with this type of finish

### **Disadvantages - Flat**

#### **Tooling**

- May leave exposed internal edges that could deteriorate over time.

### **Advantages – Convex**

#### **Tooling**

- Protects across the edges to leave no exposed material

### **Disadvantages - Convex**

#### **Tooling**

- Requires more care and attention to get it looking good.

2. Use of various preformed mouldings in either PVC or Aluminium.
  - a. Both products can be paint-coated,
  - b. both products can accommodate different panel thicknesses.
    - New Zealand – Soudal Slimline Mouldings

## Step 9

If you should get the adhesive on the finished Interior Lining you can use the Soudal Swipex to remove any smears of adhesive as soon as possible.

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- New Zealand Ph: 0800701080
- Australia Ph: 1300 507 011



## Scenario 3

### Purpose

For the bonding of “**betterJOINERY**” lining to *previously lined walls*. This specification is designed for the securing of the saveBOARD product without the use of mechanical fastenings.

### Products Required

#### New Zealand

- Gorilla MS Sealant
- Soudaseal 240FC
- Holdfast Double Sided Foam Tape 12mm x 2mm x 30m
- Soudal Surface Activator
- Soudal Swipex

#### Australia

- Multibond SMX35
- T-Rex FLEX
- Double Sided Foam Tape 12mm x 2mm x 30m
- Soudal Surface Activator
- Soudal Swipex

## Procedure

### Step 1

Ensure you read the Product Technical Documents before you begin. If at this point you have any questions please contact your local Soudal Territory Manager

### Step 2

Ensure that the walls that you are working with are straight and flat, use a straight edge for this. Where this is not so, there may be additional stresses on the bonded joints once applied.

### Step 3

Wipe down all surfaces to be bonded with the Soudal Cleaner & Degreaser or a general solvent cleaner to ensure that you remove all traces of surface contaminants. With this product, preparation is everything. Leave to dry for a period of 2-5 minutes.

### Step 4

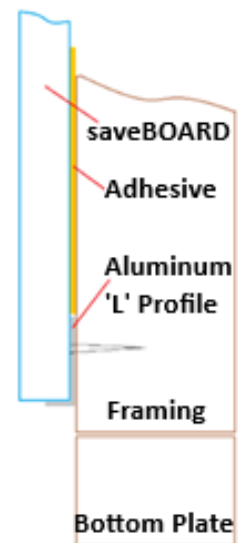
Position the tape, full height onto the framing to one side. This allows room for application of the adhesive so that when compressed does not flow over the tape, reducing the potential initial hold of the tape.

## Step 4A

### Supporting the Panels while curing takes place

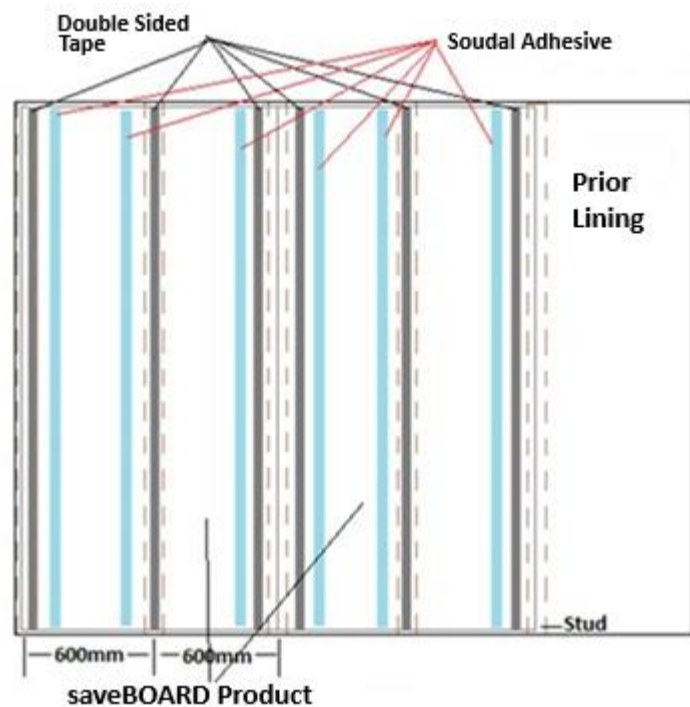
While this applies to all panels, it is especially important that this is accounted for when looking to eliminate mechanical pinning or brads. Panels need to be flat, without deformation.

3. So that the panel does not sit directly on the floor, position 10mm Soudal H-Packers along the bottom edge at intervals while the adhesive dries.
4. Aluminium 'L' Profile to support base of panel in conjunction with adhesive. Enables you to set the panel at any height from the base.



### Step 5

Position 7-8mm continuous beads of adhesive the full height length approx. 20-25mm from the applied tape. When the 7mm bead of adhesive is compressed to 2mm thick, it is now approx. 15mm wide.



## Step 7

Ensure that you have positioned your base packers so that you are a minimum of 10mm from the floor (if positioning to full length). This will provide horizontal support while the adhesive is curing.

If you have a coved flooring system then an appropriate aluminium “L” section can be mechanically fixed to the wall to provide a base.

## Step 8

Press back into position and press to the wall. Support the panel while pressing to the wall. **(Note** that the Double Sided Tape provides the initial bond while the adhesive provides the secondary Bond. As the adhesive cures the primary bond is taken by the adhesive. When the 7mm bead of adhesive is compressed to 2mm thick, it is now approx. 15mm wide.



**Step 9**

If you should get the adhesive on the finished Interior Lining you can use the Soudal Swipex to remove any smears of adhesive as soon as possible.

If you have any further questions, please do not hesitate to contact Soudal Ltd

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