



## De-contamination Floor Covering

Clean Zone Installation  
Instructions



For More Information:  
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# Pre-Installation Checklist

A properly fitted floor covering is achieved by following the instructions carefully prior to carrying out the installation. Please remember to allow yourself sufficient time. If you have any questions, please contact Dycem. Failing to do so, could run the risk of the installation failing, together with a dissatisfied customer.

## Errors may include:

- **Bubbling:**  
Not allowing enough time for the adhesive or screed to dry. As a result, bubbling can occur due to the moisture being trapped. To prevent this from happening, allow a longer drying period.

### Tip:

If bubbling occurs, it is sometimes possible to use a hypodermic syringe to extract the trapped air and to also inject some adhesive to secure the flooring back down to the sub-floor. If this method fails, the flooring will need to be replaced.

- **Edging Strip:**  
The Dycem flooring parting from the Edging Strip along the seam. There are two main reasons for this happening.
  - 1) Because the finishing and Cold Weld methods have not been followed.
  - 2) The end-user company has mistreated the Dycem installation. In both cases, this needs to be brought to our attention.

Please remember that at the end of each installation, we require you to get the responsible person in the company to sign the Installation Satisfaction Form (P17 in this booklet).

**Installation Failure:** If upon inspection the procedure has not been followed, corrective action may be at your expense.

**Warranty:** All our products are fully warranted for 2 years subject to normal use.

# Pre-Installation Checklist

Date & time of installation:

Name of installer:

Area	Description Area Name	Material & Colour	Size (metre)	Floor Screed	Adhesive System	Edging Strip Type
1						
2						
3						

**Please remember ensure someone is on site to show the installer where to fit!**

Checklist, Is This Applicable To YOU?:-

- Has the area been cleared of all removable items?
- Has staff been re-routed so the area is free of traffic for the duration of the installation, approx 2-3 hours each area, (then 1 hour to allow the Cold Weld Seal to set)?
- Door Heights are they okay? Clean Zone & Work Zone will increase floor levels by 4.5mm.
- Having Dycem laid through a corridor? Are there any doors? If yes have you removed them?
- Is the sub-floor smooth without any cracks and free from damp?
- Using Peel -Off's? Have you removed all traces of adhesive from the floor?
- Are the area's stated above the correct areas for installation?

**Please complete and fax this document to 0117 9541194 at least 2 days before installation.**

I have read the above checklist together with the conditions of installation. I understand if any of the installation details are changed after returning this document or if the installation cannot be carried out after the arrival of the fitter, additional charges may be incurred.

Signed:

Position:

Date:

Contact details on day of installation

Name:

Position:

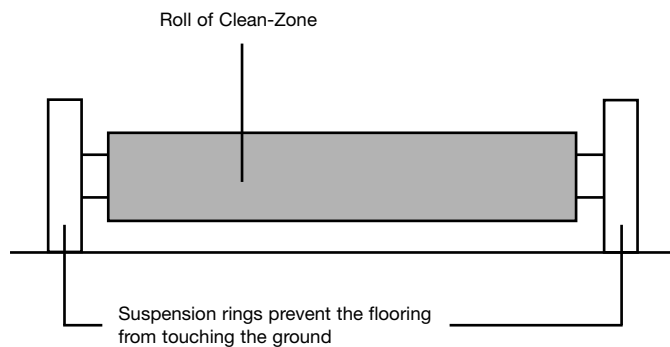
Telephone no:

If possible please fax a Map of how to get to your facility

## Handling and Storage

Rolls of Dycem flooring must be stored in dry conditions and in order to prevent surface damage kept on the packaging suspension rings until ready for laying.

If storage temperature is below 14°C (57°F), the floor covering must be moved to a warmer place and allowed to reach this temperature before unrolling. Before unrolling Dycem, the room temperature must not be below 14°C (57°F) or above 27°C (72°F) and the floor temperature not below 10°C (50°F). The flooring should be unrolled with the contamination control side up. It should be left for 10 minutes, then re-rolled loosely and again unrolled to eliminate any memory in the material.



### Dycem is not recommended for use in:

- Areas where forklifts are turning or driving at speed
- Where sharp objects are likely to come into contact with the surface
- Where pallets are being dragged across the surface
- In areas where ketones and acetones are likely to be spilled
- In external or constantly wet areas
- Areas where wet cleaning is not done regularly

## Finishing Choice

Once installed, Dycem flooring is a totally sealed system. Moisture cannot get underneath and all seams are chemically welded making the floor covering easy for carts and all traffic to negotiate.

Before commencing the installation, the finishing details should be agreed. The various methods of finishing are listed below and consideration should be given to the choice of finish with regard to the area in which Dycem flooring is being installed e.g. level of traffic, type of sub-floor moisture presence.



### **Standard Recommended Finish:**

The most effective Dycem installations are simple rectangular systems large enough to remain effective between cleaning as shown in the photo.



Edging Strip should be fitted around the entire installation.



### **Inlaid Installation:**

In situations where there is no sub-floor, Dycem flooring can be installed onto a screed and the normal floor can then be installed around it. This can be hot/cold welded to make a totally sealed system

## Finishing Choice

### Coving

Coving can be used, there are two types:



#### Sit-on Cove:

Where the sit-on cove is used, the flooring must be fitted and adhered tight to the wall. A silicon seal must be applied to the edge of the flooring. The sit-on cove is then adhered to the wall surface to sit on the Dycem flooring.

The finish is not recommended in areas that are subjected to excessive spillages of water. Use 2-way contact adhesive to adhere sit-on-cove to all walls. Sit-on cove is 100mm in height with a base depth of 15mm.



#### Set-in Cove:

Set-in cove should be fitted and adhered at the junction of the wall and floor before the main floor covering is installed. As an added precaution, adjacent sections and mitres within the skirting can be sealed. Dycem flooring should then be fitted to the base of the cove, cut in and cold welded. The set-in cove should be adhered using 2-way contact adhesive and double sided tape.



#### Edging

Standard Edging Strip is included with all flooring orders, however areas subject to heavy traffic may require a heavy duty metal Edging Strip for added strength. This should be used where traffic is entering/exiting.

## Equipment



- Dycem Clean Zone De-contamination Control Floor Covering
- Sigaway Double Sided Tape
- 78mm Pressure Sensitive Double Sided Tape – For Fitting Edging Strip
- Dycem Edging Strip
- Coving (if required)
- Cold Weld/Seam Sealer (W Muller, Mannington)
- Steel Straight Edge
- Stanley Knife (or equivalent) with new spare blades
- Pencil/Marker Pen
- Ruler/Tape Measure
- Soft Brush
- Cloth & Water



## Preparation/Cutting to Size

### Step 1.0 : Preparation/Cutting to Size

First ensure the sub-floor is in good condition, level, dry, sound, and free of any dirt, dust, wax, grease, or other surface finishes.



#### Step 1.1

Clean the sub floor prior to installation



#### Step 1.2

Mark the installation area. Finalise the size of the installation and cut the material to size. Roll out the material and mark the installation area with a pencil or marker pen

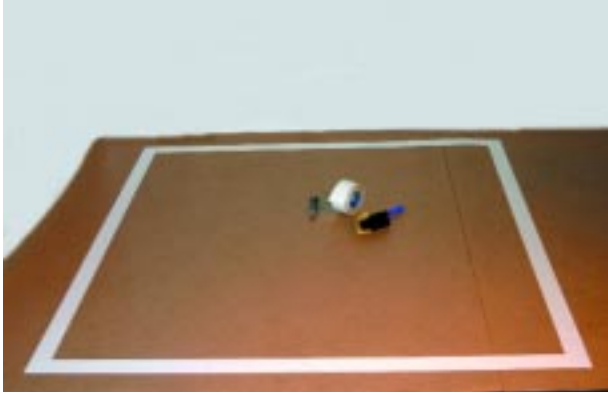


#### Step 1.3

Re-roll the material after marking the sub floor

**TIP:** Keep roll straight at edges

## Preparation/Cutting to Size



### Step 1.4

Lay the Edging Tape around the marked out area, allowing 33mm of the tape to go outside of the marked area, and the remaining 45mm to go within the marked line. Do not remove backing paper at this stage.

## Laying/Cutting Double Sided Tape

### Step 2.0 : Laying/Cutting Double Sided Tape



#### Step 2.1

Sweep the area again, then lay out the metre wide tape to cover all of the area inside of the Edging Tape

Laying the metre wide tape.

**TIP:** Ensure all air is pushed out.



#### Step 2.2

Laying the metre wide tape where one or more strips are needed.



#### Step 2.3

Cut the metre wide tape around the edge and on any joins so that it does not overlap anywhere as this will telegraph through (Using a knife and straight edge). Do not remove any backing paper at this stage.

Trim the overlapped metre wide tape.

# Laying Dycem Flooring

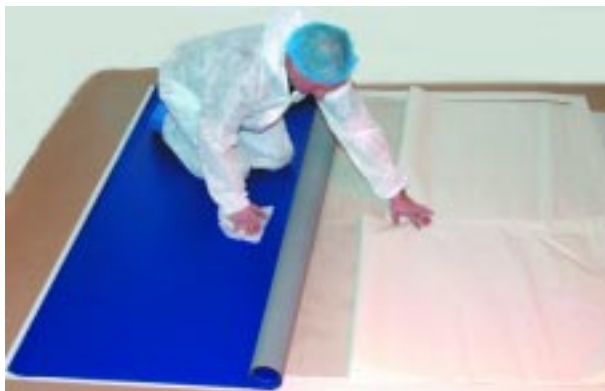
## Step 3.0 : Laying Dycem Flooring

- Lay out the Clean Zone over the whole area
- Ensure that it is at least three quarters of the way over the edging tape all the way round the edge,
- Secure it at one end (i.e. with a weight)
- From the other end roll up about 1 metre
- Remove the backing paper from the metre wide tape
- Roll the Dycem back onto the adhesive pushing out towards the edges pushing out any air bubbles using a clean damp cloth
- Roll up the other end towards the area stuck down
- Remove the backing paper from the remaining metre wide tape pushing the Dycem onto the adhesive as you remove the paper, again ensuring any air is pushed out towards the edges as you proceed



### Step 3.1

Rolling back material to remove the backing paper from the metre wide tape



### Step 3.2

Removing backing paper from metre wide tape and laying material

## Preparation for Finishing

### Step 4.0 : Preparation for Finishing.

Trim the Dycem around the edge leaving 33mm of Edging Tape showing; remove the backing paper from the tape pushing the Dycem onto it as you go. Once you have completed this go around again with more tape over top of the exposed tape and 45 mm over the edge of the Dycem. Then remove the backing paper (leaving paper on all corners until the mitres are cut)



#### Step 4.1

Remove backing paper from Edging Tape and secure all edges of the material



#### Step 4.2

Apply the second layer of the 78mm wide Edging Tape on top of the material and in line with the previously laid Edging Tape.



#### Step 4.3

Remove backing paper ready to apply the Edging Strip

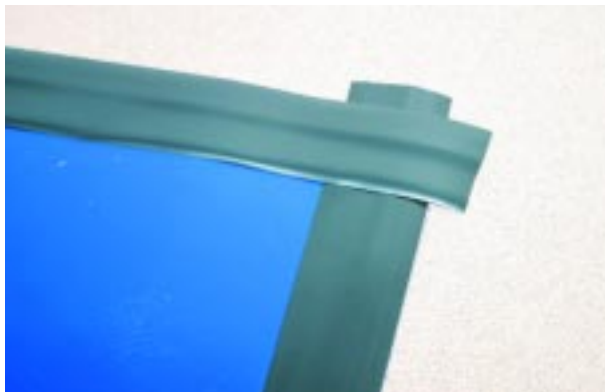
## Finishing

### Step 5.0 : Finishing



#### Step 5.1

The Edging Strip should be laid on top of the Edging Tape. The 33mm edge is slightly thicker and should butt up to the Dycem flooring. The 45mm edge should taper over the Dycem floor.



#### Step 5.2

Lay the Edging Strip and cross over the two ends ready to mitre

Mitre all corners remove the backing paper from the tape and push the corners down onto the adhesive. Wipe all joins between the Dycem and edging, also clean all mitres, then apply cold weld to these joins.



#### Step 5.3

Mitre the corners and secure onto the Edging Tape

## Seams and Joins

### Step 6.0 : Seams and Joins

Any joins and seams in the flooring including the seam between the flooring and the Edging Strip, must be sealed. There are 2 recommended sealing methods:

#### **Cold Welding:**

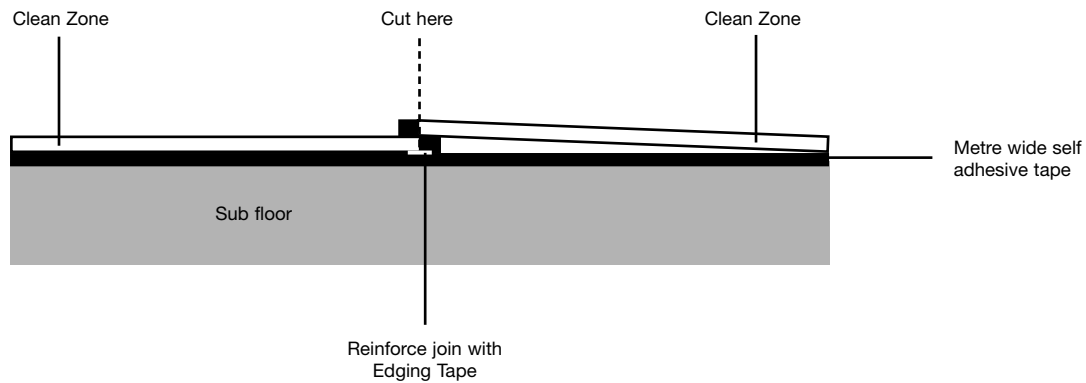
Place the needle of the Cold Weld tube to the join between the Dycem and the Edging Strip, and move smoothly along the join allowing the fluid to penetrate and wet the join to a width of approximately 2.00mm. Squeeze the tube evenly from the bottom, if any sections are missed, do not stop finish the weld then re-apply Cold Weld to un-welded areas. Weld all mitre's by inserting the needle into the join of the Edging Strip. Cold Weld each join/seam at least twice. Do not spill any weld onto the Edging Strip or the Dycem, as this will melt the surface. Allow at least 30mins before welded joins are walked on.

#### **Hot Welding:**

Hot welding must be carried out by an approved Dycem installer. Please contact us for details.

## Joining the Material

### Step 7.0 : Joining the Material



When joining Dycem you should always use Edging Tape under each joint, as this will give a stronger bond. The two pieces of Dycem must overlap, cut through the two using a sharp knife and straight edge (as shown above) remove the cut pieces (shown in Black) to allow the Dycem to lie flat on the floor.

Remove the backing paper from the Edging Tape and push the Dycem onto the adhesive tape. Weld the join by following the same procedure shown in step 7.0.



# Replacement Installation

## Step 8.0 : Replacement Installation

The sub-floor must be prepared for the new installation.



### Step 8.0

Peel the Dycem material and the Edging Strip slowly and horizontally from the sub-floor (This minimises the risk of damaging/removing loose floor tiles). The self-adhesive tape should come away with the Clean Zone. If it remains attached to the sub-floor, peel it separately.



A trowel or flat bedded spatula will aid the lifting and removal of stubborn areas.

## Replacement Installation

If you find the previous installation has been installed using a wet adhesive, you can:

**Tip 1: Wash with water and an alkaline detergent.**

Dissolve alkaline detergent crystals in very hot, but not boiling water. Mop the adhesive residues generously with the detergent and leave for five minutes. Scrub the area, preferably with a rotary scrubbing/polishing machine. Remove the adhesive/detergent slurry. Thoroughly rinse the area with clean water to remove all traces of detergents and adhesive. Leave the area dry.

**Tip 2: Wash with a Solvent (using relevant health and safety equipment) having sought the advanced approval of the end-user.**

Use a strong Ketone-based solvent e.g Methyl Ethyl Ketone (MEK). Apply the solvent liberally to the adhesive residue and leave for one minute. Scrape away the softened residues with a spatula. Wipe the sub-floor clean with a dry cloth. Allow the surface to dry before starting the new installation.

**Note:** Solvents are flammable. If using this method the area must be well-ventilated and free from naked flames or smoke.

**Tip 3: Cover the adhesive residues with a screed**

Use a good quality latex screed e.g. Stop Gap blue bag powder and latex (F.Ball & Co) Prepare the screed mixture according to the manufacturer's instructions. Apply the screed thickly enough to cover all the adhesive residues (approximately 3mm). Allow to dry before starting the new installation. This is very important as bubbling may occur when moisture tries to escape.



## Installation Satisfaction



Date:

I \_\_\_\_\_ of \_\_\_\_\_ am satisfied that

- The installation/s of Dycem Clean Zone has/have been installed and I am happy with the workmanship.
- I/we have had a cleaning demonstration and have been shown how to use the cleaning equipment.
- We have received the cleaning instructions.
- All areas worked in have been left in a clean and tidy condition.

Comments:

Signed:

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