Lafarge Finishing Systems

Lafarge Deco System*

The Lafarge Deco system is a unique finishing system comprising pre-sealed plasterboard and a pre-sealed joint compound. Once installed and jointed the Deco system is ready for decoration, eliminating the need for a coat of sealer.

Lafarge Taping and Jointing

The Lafarge Taping and Jointing system is used for the seamless jointing of plasterboards. Once jointed, the finished surface should be sealed ready to accept direct decoration.

Lafarge Supreme Skim Plaster

Lafarge Supreme Skim plaster is a gypsum based high quality plaster finish for skim plastering to plasterboard.

Lafarge Universal Texture

Lafarge Universal Texture provides a crack-resistant textured, decorative finish to interior walls and ceilings.

Note:

* Lafarge Plasterboard does not recommend the use of gloss, eggshell, silk or sheen paints in-line with BS 8212: 1995. However, should you choose to use such finishes, Lafarge recommend the use of an additional coat of Lafarge Universal Sealer on the Deco Systems. The use of matt finish paints are likely to produce a superior finish.

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<th>Lafarge Taping and Jointing</th>
<th>Lafarge Supreme Skim Plaster</th>
<th>Lafarge Texture</th>
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**Deco** is a range of pre-sealed boards and colour-matched joint cements which create a consistent white finish ready for final decoration.

As the boards are factory-sealed there is no requirement for a separate sealer* coat to be applied on-site, translating to time and labour savings.

The Deco range includes three wallboards:

- **Predeco**, for ‘standard’ applications such as housing
- **Megadeco**, which meets the higher system performance requirements of commercial, industrial environments, hospitals and schools
- **Hydrodeco**, for use where moisture resistance is needed.

* Lafarge Plasterboard does not recommend the use of gloss, eggshell, silk or sheen paints in-line with BS 8212: 1995. However, should you choose to use such finishes, Lafarge recommend the use of an additional coat of Lafarge Universal Sealer on the Deco Systems.
**FINISHING DECO SYSTEM**

**Introduction**

**Lafarge Deco System**

The **Lafarge Deco** system is a complete lining and finishing system, used as a quality alternative to conventionally sealed wallboards.

The Deco system consists of a pre-sealed wallboard used with **Predeco Joint Filler** and **Deco Joint Cement**.

The Deco system uses a factory-sealed paper board liner with a unique purpose-designed coating, combined with colour matched joint cements so that, once constructed, linings and partitions have a pre-sealed consistent white appearance ready for final decoration.*

The Deco wallboard and Deco jointing compounds together provide a wallboard surface ready for direct decoration without the need for site-applied drywall sealers and primers.

The environmental performance criteria, cutting and fixing of Deco wallboard are identical to those of standard wallboard.

**Components**

The main components of the system are:

- pre-sealed wallboard
- special pre-sealed jointing compounds
- pre-sealed cove

**Limitations**

The Deco system is not compatible with a plaster finish.

**Paint application**

Lafarge Plasterboard does not recommend the use of gloss, eggshell, silk or sheen paints in-line with BS 8212: 1995. However, should you choose to use such finishes, Lafarge recommend the use of an additional coat of **Lafarge Universal Sealer** on the Deco Systems.

The use of matt finish paints are likely to produce a superior finish.

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**Table 7.1 Deco System Components**

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
<th>Pack size</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Predeco Joint Filler</strong></td>
<td>A unique setting compound for bedding tapes and filling joints on the Deco range of boards. It must be over coated with Deco Joint Cement or Deco Machine. Also for bedding Lafarge Tape-On Corner beads and Lafarge Flex Tape.</td>
<td>12.5 kg bags</td>
</tr>
<tr>
<td><strong>Deco Joint Cement</strong></td>
<td>A unique pre-mixed two-coat, air-drying cement. Designed for bedding tapes and finishing joints on the Deco range of boards. Can be applied by hand or mechanical jointing and sanded with 150/120 grit sandpaper.</td>
<td>20 kg</td>
</tr>
<tr>
<td><strong>Deco Machine</strong></td>
<td>A unique pre-mixed air-drying cement designed for bedding tapes and finishing joints on the Deco range of boards. Formulated for use through automatic taping tools. Sand with 150/120 grit paper. May be hand applied.</td>
<td>20 kg</td>
</tr>
<tr>
<td><strong>Predeco</strong></td>
<td>Lafage wallboard with Deco pre-sealed surface.</td>
<td></td>
</tr>
<tr>
<td><strong>Megadeco</strong></td>
<td>Combines properties of Firecheck, dBcheck and Toughcheck with Deco pre-sealed surface.</td>
<td></td>
</tr>
<tr>
<td><strong>Hydrodeco</strong></td>
<td>Lafage Moisturecheck with Deco pre-sealed surface.</td>
<td></td>
</tr>
<tr>
<td><strong>Lafarge Predeco Cove</strong></td>
<td>Lafage Cove with Deco pre-sealed surface.</td>
<td></td>
</tr>
</tbody>
</table>

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*Paint application

Lafarge Plasterboard does not recommend the use of gloss, eggshell, silk or sheen paints in-line with BS 8212: 1995. However, should you choose to use such finishes, Lafarge recommend the use of an additional coat of **Lafarge Universal Sealer** on the Deco Systems.

The use of matt finish paints are likely to produce a superior finish.
Application details

Table 7.2 Jointing compound suitability

<table>
<thead>
<tr>
<th>Product name</th>
<th>Bedding coat</th>
<th>Second coat</th>
<th>Finishing coat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Deco Joint Filler</td>
<td>✓</td>
<td>✓</td>
<td>–</td>
</tr>
<tr>
<td>Deco Joint Cement</td>
<td>✓</td>
<td>Not needed</td>
<td>✓</td>
</tr>
<tr>
<td>Machine Deco Joint Cement</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

Jointing Methods

2 x Deco Filler & 1 x Deco Joint Cement – Ref TJ17
- Most widely used combination. As the filler has a setting time of 90 minutes this allows the second coat to be over-coated in 90 minutes
- Deco Joint Cement must be used to provide the pre-sealed features of the system. There are both machine and hand applied versions available
- Final coat of Deco Joint Cement or Deco Machine Joint Cement, drying time vary on atmospheric conditions because this is an air-drying compound

Full operation with Deco Joint Cement/Deco Machine Joint Cement – Ref TJ18
- Mostly used where machine taping is required
- Drying time vary on atmospheric conditions because this is an air-drying compound

Other jointing products on Deco boards
- Only those compounds shown in table 7.2 are suitable on Deco boards. Lafarge cannot warranty the adhesion of other compounds to Deco boards.

The Deco System is not compatible with a plaster finish.
**Specification clauses**

**Lafarge Deco System**
Taping and jointing the decorating face of Lafarge Deco pre-sealed plasterboards.

**Additional Clauses**
Add general clauses, see Section 8, if required, for:
- Health and Safety
- Storage and materials
- Site conditions and workmanship

**NBS clauses**
When using the NBS Specification, use clause K10 PLASTERBOARD DRY LININGS/PARTITIONS/CEILINGS.
The Lafarge Plasterboard website contains a full set of NBS clauses, completed for each Lafarge Plasterboard system. See: www.lafargeplasterboard.co.uk/nbssearch/index.asp

**Location** ........................................
**Client reference** ..............................

**Joint Tape**
Lafarge Paper Joint Tape, width 50mm with centre crease.

**Edge Beads**
Lafarge Edging Bead, reference BEAD EDGE ........, or
Lafarge Tape-Ons Stop Bead ........ mm.

**Internal/external corner protection**
Lafarge Flex Tape for external angles, or
Lafarge Tape-On Beads Type .......... for internal/external angles.

**Jointing compounds**
Predeco Joint Filler
Deco Joint Cement
Deco Machine Joint Cement

**Application**
Application to be in accordance with Lafarge Plasterboard’s instructions. Vinyl based compounds may be applied over gypsum based bedding coats, but gypsum based compounds must not be applied over vinyl based compounds.

**Finished tolerances**
Finished tolerances to be in accordance with BS 8212: 1995 section 3, figure 3.

**Materials and Installation**
All materials unless otherwise indicated shall be supplied by Lafarge Plasterboard Ltd, and shall be installed in accordance with their current literature and in accordance with BS 8212: 1995.

Notes:
Red text lists alternative product specifications.
(Italic red text within brackets gives advice on selecting the information needed).
Taping and jointing is the quick, professional, quality approach to finishing drywall systems. Purpose-designed tape bedding and filling compounds, offer either three coat or two coat formulations, are markedly quicker and require less drying time, than skim plastering.
Lafarge Taping and Jointing System

**Description**
LaFarge Taping and Jointing system is used to create continuous seamless plasterboard walls and ceilings using easy application methods, including two stage systems. It is used for jointing:
- Tapered edge wallboard
- All internal and external corner joints
- LaFarge Fresco
- LaFarge Profiles

### Jointing Compounds

**Product Types**
There are three different types of joint compounds:

- **Air-drying:**
  - New Pure Velvet
  - Readymix Lite
  - FineForm Mid-Weight
  - Rapid Sand

Air-drying products are limestone based. Drying times will depend on climatic conditions.

LaFarge offer both powdered products (New Pure Velvet and Rapid Sand) and ready mixed products (FineForm Mid-Weight and Readymix Lite)

Air-drying compounds are often used as the finishing coat due to the product being easy to sand. They can also be used for bedding and filling.

Air-drying products are not suitable for Flex Tapes or Tape-on beads and should not be used as a sub coat prior to the application of setting compounds.

**Setting Compounds:**
- Fast Set

**Fast Set** is a gypsum-based jointing compound with a 90 minute set time. Fast Set should be used for the bedding and filling coats during the jointing process. Fast Set is not recommended as a finishing coat, as it is difficult to sand.

**Drying/Setting Compounds:**
- Easy Finish

Easy Finish combines the qualities of air-drying and setting compounds. It is a gypsum-based product with a 90 minute set time, but unlike Fast Set, it can be used as a finishing coat as it is easily sanded. With Easy Finish the jointing process can be completed in two stages instead of the usual three.

### Jointing Compounds

<table>
<thead>
<tr>
<th>Table 7.3 Jointing compounds</th>
</tr>
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<tbody>
<tr>
<td><strong>Fast Set</strong></td>
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<tr>
<td>Description</td>
</tr>
<tr>
<td>Gypsum based jointing compound with a 90 minutes setting time for bedding tapes and filling joints. Also suitable for bedding Lafarge Tape-on Corner beads and Lafarge Flex Tape. Fast Set cannot be used in automatic taping machines. Sand with 120 grit paper.</td>
</tr>
<tr>
<td>Pack size</td>
</tr>
<tr>
<td>12.5 kg bags</td>
</tr>
</tbody>
</table>

| **Easy Finish**              |
| Description                  |
| A setting/drying compound for hand jointing only. It cannot be used in automatic taping machines. Used for bedding external corner protection (Lafarge Tape-on-Corner Beads and Lafarge Flex Tape), bedding tapes and finishing joints. Sand with 120/150 grit paper. |
| Pack size                    |
| 10 kg bags                   |

| **Rapid Sand**               |
| Description                  |
| An air-drying lightweight powder compound for hand or machine application. A light weight air-drying compound for bedding tapes and finishing joints, either by hand or using a machine. Rapid Sand allows the jointing operation to be completed in two stages. Sand with 120/150 grit paper. |
| Pack size                    |
| 22.5 kg bag                  |

| **New Pure Velvet**          |
| Description                  |
| An air-drying powdered compound for bedding tapes and finishing joints as a three-stage application not suitable for bedding corner protection. Can be applied over Fast Set as a finish and sanded with 150 grit paper. Can be applied by hand or mechanical methods. |
| Pack size                    |
| 25 kg bags                   |

| **FineForm Mid-Weight**      |
| Description                  |
| Vinyl based pre-mixed jointing compound for air-drying applications. Suitable for bedding tapes and finishing joints by the Premier or similar automatic taping tools or by hand. Sand with 120 grit paper. |
| Pack size                    |
| 20 kg bucket                 |

| **Readymix Lite**            |
| Description                  |
| A lightweight air-drying pre-mixed joint cement for hand or mechanical jointing. Used for bedding tapes and finishing joints. Two coat application due to low shrinkage formulation. Sand with 120 grit paper. |
| Pack size                    |
| 20 kg bucket                 |

| **Joint Tape**               |
| Description                  |
| White perforated cross-fibre paper tape for reinforcing joints. Suitable for hand or mechanical application with LaFarge jointing compounds. |
| Pack size                    |
| 150m roll                    |

| **Flex Tape**                |
| Description                  |
| Flex Tape is cross fibre paper tape reinforced with rust-resistant steel strips for the protection of irregular external corner angles. |
| Pack size                    |
| 33m roll                     |

| **Corner 90° Tape-On Bead**  |
| Description                  |
| Wax coated pre-formed 90° corner protection Tape-On bead, paper tape reinforced with galvanised metal for protection of external corners and board edges. |
| Pack size                    |
| 50 lengths per carton        |

| **Sanding Paper**            |
| Description                  |
| Silicon carbide open coat 120 and 150 grit sanding paper. For use with hand or pole sanders. Size 100 x 250mm. |
| Pack size                    |
| Packs of 50 sheets           |
Application details

Jointing
It is recommended that jointing is carried out in the following sequence:
1. Internal angles
2. Tapered edge joints
3. Cut edge joints
4. Finally external angles.

Jointing can be carried out manually or by Premier International automatic taping machine using Lafarge compounds and tapes.

Lafarge manufacture three types of joint compounds:
- Air-drying compounds
- Setting compounds
- Combined drying/setting compounds.

Air-drying compounds are Rapid Sand, FineForm Mid-Weight and Readymix Lite. These compounds are suitable for use in Premier International automatic taping tools or similar machine application.

Setting compounds such as Fast Set can be used to increase the speed of the jointing process. Use Fast Set to bed the tapes and fill the joints. Once dry over coat with an air-drying compound.

Easy Finish is a 2-coat drying/setting compound, which is used to fill and finish the joint in two coats.

Setting compounds may not be used in automatic taping machines unless the machines are designed to accept setting compounds.

Never use air-drying compounds beneath setting compounds, as the bedding coat may not dry out properly.

Tapered edge board joints: hand application
Apply Lafarge Jointing Compound to the joint. Cut Lafarge Joint Tape to length, centre the tape over the joint and press the tape firmly into the compound.

Lafarge Joint Tape is ready creased for use on internal angles; always bed the face with the crease line into the compound. Take care to avoid trapping air bubbles and ensure that there is at least 1mm bed of jointing compound and strike off flush with the plasterboard face.

Allow to set hard or dry fully, then apply a second coat of jointing compound over the joint, feathering out 50 to 60mm beyond the edges of the first coat. Allow this to set hard or dry fully, then complete the joint with a further coat of jointing compound feathered out 50 to 60mm beyond the second coat.

Finally, finish the joint by sanding smooth with Lafarge 120 or 150 grit sanding paper and seal the entire wallboard surface and joint with Lafarge Universal Sealer or, if a vapour control layer of no greater than 15 MNs/g is required, two coats of Lafarge Drywall Sealer may be applied to the finished surface.

Two Coat compounds (Easy Finish, Readymix Lite and Rapid Sand)
Apply compound to the joint. Cut Lafarge Joint Tape to length, centre the tape over the compound and press the tape firmly into the compound. Take care to avoid trapping air bubbles and ensure that there is at least a 1mm bed of compound and strike off (fill) flush with the plasterboard face. Allow to dry fully, and apply a second coat of the same compound over the first feathering out 50-60mm beyond the edges of the first coat.

Finally finish the joint by sanding and sealing as detailed before.

---

**Table 7.4 Use of jointing compounds**

<table>
<thead>
<tr>
<th>Corner tape</th>
<th>Bedding tape</th>
<th>Filling coat</th>
<th>Finishing coat</th>
<th>Sanding paper</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fast Set</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rapid Sand*</td>
<td>×</td>
<td>✓</td>
<td>Not required</td>
<td>✓</td>
</tr>
<tr>
<td>FineForm Mid-Weight*</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>New Pure Velvet</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Easy Finish</td>
<td>✓</td>
<td>✓</td>
<td>Not required</td>
<td>✓</td>
</tr>
<tr>
<td>Readymix Lite*</td>
<td>✓</td>
<td>✓</td>
<td>Not required</td>
<td>✓</td>
</tr>
</tbody>
</table>

*Whilst air-drying compounds are suitable for filling joints, it is necessary to leave adequate drying time between each coat.

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**Tapered edge board jointing**

Lafarge Joint Tape bedded in Lafarge jointing compound

Jointing compound struck off flush with the face of plasterboard

Second coat of jointing compound feathered out 50 to 60mm beyond first coat

Final coat of jointing compound feathered out 50 to 60mm beyond second coat

300mm approx
Application details

Application methods
The type of product used depends on the way the jointer works. Jointers fall into two categories:

<table>
<thead>
<tr>
<th>Hand taping and jointing</th>
<th>Machine jointing – Premier International automatic taping tools</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Flat joints</strong></td>
<td><strong>Flat joints – tapered edge</strong></td>
</tr>
<tr>
<td>Paper tape</td>
<td>First coat of Lafarge Jointing Compound struck off with plasterboard face</td>
</tr>
<tr>
<td>Covered in two coats of setting compound or one coat of setting compound and one coat of air-drying joint cement</td>
<td>Second coat of Lafarge jointing compound feathered out beyond first coat</td>
</tr>
<tr>
<td>Finished with one coat of air-drying joint cement</td>
<td>Finishing coat of Lafarge jointing compound feathered out 50 to 60mm beyond second coat</td>
</tr>
<tr>
<td><strong>Internal corners</strong></td>
<td><strong>External corners</strong></td>
</tr>
<tr>
<td>Paper tapes bedded with air-drying or setting compound</td>
<td>Flex tape bedded with setting compound</td>
</tr>
<tr>
<td>Covered with setting or air-drying joint cement</td>
<td>Filled with setting compound or air-drying joint cement</td>
</tr>
<tr>
<td>Finished with one coat of air-drying joint cement</td>
<td>Finished with air-drying compound</td>
</tr>
</tbody>
</table>

Note: If using a two coat Lafarge jointing compound product there is no requirement for the second coat process.

**Flat joints – square and cut edge joints**

First coat of Lafarge Jointing Compound down edge of Joint Tape

Second coat of Lafarge jointing compound feathered out beyond first coat

Finishing coat of Lafarge jointing compound feathered out onto plasterboard face

300mm approx
Application details

Internal angles

- Jointing compound
- Lafarge Joint Tape bedded in Lafarge jointing compound

First coat of jointing compound struck off with plasterboard face with the tape bedded into compound

Second coat of jointing compound feathered out beyond first coat

Finishing coat of jointing compound feathered out beyond second coat

External angles

- Lafarge Fast Set or Easy Finish
- Lafarge Tape-On Bead or Lafarge Flex Tape bedded in

First coat of Lafarge Fast Set or Easy Finish feathered out with the tape bedded into compound

Second coat of Lafarge Fast Set or final coat of Easy Finish feathered out

Final coat of jointing compound feathered out if using a three coat application

Finishing Taping and Jointing
FINISHING
TAPING AND JOINTING

Application details

Corner and edge protection
Proper treatment of corners and edges is very important. Lafarge Tape-On gives a superior appearance and stronger finish that resists impact and cracking forces. It combines the ease and speed of application of a flexible tape with the strength of a rigid bed. The exposed paper surface gives good jointing compound adhesion.

Tape-On Corner
For sharp external angles.
External angle 90°, supplied in 2400 and 3000mm lengths.

External Corners
Protect external angles with Lafarge Tape-On rigid corners. For small or irregular reveals and angles use Lafarge Flex Corner Tape.

Apply a 50mm wide band of Fast Set on each side of the angle. Cut the corner section to length and bed in around the angle. Strike off flush with the plasterboard face, then allow to set hard. Apply further coats of jointing compound as above.

Follow a similar procedure for Lafarge Flex Corner Tape.

NOTE: Taping and jointing should not be carried out at extreme temperatures (greater than 40°C or less than 5°C). Do not tape and joint on frozen backgrounds.

Machine application
In automatic taping machines always use Lafarge FineForm Mid-Weight, Rapid Sand or ReadyMix Lite. Do not use a setting compound such as Lafarge Fast Set and Easy Finish. This may be used only in the finishing boxes designed to accept setting compounds.

Vertical joints
Run the machine up from the bottom of the wall, maintaining contact with both wheels. Stop and cut the tape 100mm from the ceiling before completing the run. Wipe down tapes with a broad knife and allow to dry.

Ceiling joints
Tape butt joints before tapered edge joints. For the first 150mm keep both wheels on the surface to bed the tape, then tilt the machine slightly so only one wheel is in contact and move the machine backwards. Tilting the machine will minimise spillage. Replace both wheels on the surface before cutting the tape and completing the run. Wipe down tapes with a broad knife and allow to dry.

Finishing
Apply the first finishing coat with 175mm (7”) box. Start vertical joints at the ceiling and run down to about knee height. Lock the handle and run the box back up from the floor to complete the joint. On ceiling joints run to about 700mm from the opposite wall before reversing the direction of the box.
Final coats are applied with 250mm (10”) and 300mm (12”) boxes. The joint cement must be dry before applying a further coat. Adjust the crown on each box to distribute the correct amount of compound for each coat.

Nail spotting
Use the nail spotter to fill all nail and screw depressions.

Sand with Lafarge 120 or 150 grit Sanding Paper and seal with Lafarge Universal Sealer or Lafarge Drywall Sealer.

Cut edge joints
Keep cut edge joints to a minimum. If exposed cut edges cannot be avoided treat edge with a PVAC bonding agent prior to jointing. Lightly sand cut edges to remove any paper burrs. Carry out jointing as for tapered edges.
Application details

Jointing Methods – 3 coat

2 x Fast Set & 1x Rapid Sand or New Pure Velvet – Ref TJ10
- Most popular system as the components are the most cost effective to combine, popular in new housebuilding.
- 3 coat system
- First two coats will set in 90 minutes per coat
- Final coat of New Pure Velvet or Rapid Sand, drying time varies depending on atmospheric conditions
- New Pure Velvet or Rapid Sand used to “top out” the joint as it is a finer and easier to finish compound and Fast Set is only for filling and bedding
- The final coat can be machine applied

2x Fast Set & 1x FineForm Mid-Weight
- Ref TJ11
- Popular method for contractors who prefer to use ready mixed compounds to finish
- 3 coat system
- First two coats will set in 90 minutes per coat
- Final coat of Fine From Mid-weight, drying time varies depending on atmospheric conditions
- Readymix used to “top out” the joint as it is a finer and easier to finish compound and Fast Set is only for filling and Finishing
- The final coat can be machine applied

3 x Readymix – Ref TJ16
- 3 stage application
- May be machine or hand applied
- Drying time on each coat will be dependent on atmospheric conditions as FineForm Mid-Weight is an air-drying compound

Jointing Methods – 2 coat

2 x Readymix Lite – Ref TJ12
- 2 coat application due to very low shrinkage properties of Readymix Lite
- Machine or hand applied application
- Drying time varies depending on atmospheric conditions
- Readymix Lite is an easy to sand compound

2 x Easy Finish – Ref TJ13
- 2 coat application due to low shrinkage properties of Easy Finish
- Hand applied only due to set time (90 minutes)
- Full operation possible as Easy Finish is easy to sand
- Cost effective and quick combination
- Joints can be completed in 180 minutes

1 x Easy Finish & 1 x Readymix Lite – Ref TJ14
- 2 coat application due to low shrinkage properties of both products
- Final coat can be 10” or 12” boxed by machine or hand applied

2 x Rapid Sand – Ref TJ17
- 2 coat application
- May be machine or hand applied
- Drying time on each coat will be dependent on atmospheric conditions as Rapid Sand is an air-drying compound

Note: The second coat of any 3 coat jointing method can be replaced using a suitable air-drying joint cement.
FINISHING
TAPING AND JOINTING

Specification clauses

Lafarge Taping and Jointing Systems
Taping and jointing the decorating face of plasterboards using Lafarge Joint Tape and Lafarge jointing compounds.

Additional Clauses
Add general clauses, see Section 8, if required, for:
• Health and Safety
• Storage and materials
• Site conditions and workmanship

NBS clauses
When using the NBS Specification, use clause K10 PLASTERBOARD DRY LININGS/PARTITIONS/CEILINGS.
The Lafarge Plasterboard website contains a full set of NBS clauses, completed for each Lafarge Plasterboard system. See: www.lafargeplasterboard.co.uk/nbssearch/index.asp

Notes:
Red text lists alternative product specifications.
(Italic red text within brackets gives advice on selecting the information needed).

Location ........................................
Client reference ...................................
Joint Tape
Lafarge Paper Joint Tape, width 50mm with centre crease.

Edge Beads
Lafarge Edging Bead, reference BEAD EDGE .........., or
Lafarge Tape-Ons Stop Bead .......... mm.

Internal/external corner protection
Lafarge Flex Tape for internal angles, or
Lafarge Tape-On Beads Type ........... for internal/external angles.
Edge Beads and Tape-Ons manufactured in accordance with requirements of BS 8212: 1995.

Jointing compounds
Lafarge Fast Set
Lafarge New Pure Velvet
Lafarge FineForm Mid-Weight
Lafarge Easy Finish
Lafarge Readymix Lite
Lafarge Deco Joint System
Lafarge Rapid Sand
(Note: Use only Lafarge Fast Set to bed Lafarge Tape-On Corner Protection.)

Sealer coat
Lafarge Drywall Sealer or Lafarge Universal Sealer applied across whole drylined surface by brush/roller in one/two coats to coverage rate recommended by Lafarge. (One coat is sufficient for decorating. Two coats of Lafarge Drywall Sealer will provide a small amount of vapour resistance.)

Application
Application to be in accordance with Lafarge Plasterboard’s instructions. Vinyl based compounds may be applied over gypsum based bedding coats, but gypsum based compounds must not be applied over vinyl based compounds.

Finished tolerances
Finished tolerances to be in accordance with BS 8212: 1995 section 3, figure 3.

Materials and Installation
All materials unless otherwise indicated shall be supplied by Lafarge Plasterboard Ltd, and shall be installed in accordance with their current literature and in accordance with BS 8212: 1995.
Installation

**Internal Angles**

1. Using a 4" taping knife, apply jointing compound to both sides of internal angle.

2. Bed paper joint tape into corner and cover tape with jointing compound, striking off flush with the plasterboard face.

3. When tape has set hard or fully dried, apply a second coat of jointing compound, feathering out beyond the edges of the first coat.

4. When set hard and fully dried, apply a finishing coat of air-drying compound, feathering out beyond the edges of the second coat. Now allow joint to dry fully.

**Tapered Joints**

5. Apply jointing compound to tapered joint.

6. Bed paper joint tape into the compound and cover tape with jointing compound, striking off flush with the plasterboard face.

7. When set hard or fully dried, apply a second coat of jointing compound, feathering out beyond the edges of the first coat. When set hard or fully dried apply a finishing coat of air-drying compound, feathering out beyond the edges of the second coat. Now allow joint to dry fully.

8. When taping square or cut edges, after bedding the tape apply a 200mm band of jointing compound down the edges of each side of the joint tape.

**Square Edge Joints**

9. When setting hard or fully dried, apply a finishing coat of air-drying compound, feathering out beyond the edges of the second coat. Now allow joint to dry fully.
FINISHING
TAPPING AND JOINTING

Installation

**External Angles**
Using a 4" taping knife, apply a 50mm wide band of Fast Set or Easy Finish on each side of the angle.

---

**Square Edge Joints**
When set hard or fully dried, apply a second coat of jointing compound 250mm wide, down the edge of each side of the joint tape.

---

**Square Edge Joints**
When set hard or fully dried, apply a finishing coat of air-drying compound over the entire joint, covering tape and feathering out onto plasterboard face.

---

**Square Edge Joints**
Using a Lafarge Jointing Sponge, clean all edges of jointing compound on finishing coats to minimise sanding. Now allow joint to dry fully.

---

**External Angles**
Bed tape onto the corner. Once bedded, cover each side of the tape with a 100mm band of Fast Set or Easy Finish, feathered out onto plasterboard face.

Apply a second coat of Fast Set or Easy Finish, feathered out 50 to 60mm beyond the edges of the first coat.

---

**External Angles**
Using tin snips, cut Lafarge Flex Tape to length. Pre-crease tape so that the heat bonded metal strips face in towards plasterboard.

---

Installation details on Lafarge systems are also available in the Lafarge Installation Guide or online at: www.lafargeplasterboard.co.uk
Lafarge plasterboards are designed to accept **skim plasters** with ease, allowing this approach to finishing to be adopted wherever a ‘traditional’ appearance is preferred.

Skim plastering offers little benefit over drywall finishing using taping and jointing techniques but remains popular in some parts of the country.
**Introduction**

**Lafarge Supreme Skim Plaster**

Lafarge Supreme Skim is an ivory coloured gypsum based finish plaster for internal use. It can be applied to plasterboard manufactured to BS 1230: Part 1: 1985 to produce a high quality finish. Lafarge Supreme Skim should be used on Lafarge plasterboard ivory face.

- Suitable for use on most types of plasterboard.
- If Moisture Resistant plasterboard is to be skimmed, a coat of 50% PVA/water must be applied and skimmed whilst tacky.
- Not suitable for use on sand and cement backgrounds.
- Not suitable for use on gypsum backing coat plasters.

**Authority**

Lafarge Supreme Skim conforms to BS 1191: Part 1: 1973, Gypsum Building Plasters, Class B, Types b1 and b2.

**Composition**

Lafarge Supreme Skim is a new generation formulation of materials, based on gypsum semi-hydrate producing a high standard plaster product.

Lafarge Supreme Skim’s unique characteristics enables it to be mixed more easily than other plasters, and less powder is used for the same coverage. It is also easier to apply and can be trowelled to a matt or semi-polished finish.

**Size**

Lafarge Supreme Skim is supplied in 25 kg bags.

**Fire Protection**


**Conditions of use**

Lafarge Supreme Skim should be used in accordance with BS 5492: 1990, Code of Practice for Internal Plastering, and BS 8000: Part 10: 1989. However, the surface temperature in use must not exceed 40°C.

For full details see table 7.5.

---

**Plasterboards**

**Ivory face**

Lafarge Supreme Skim should be applied to a minimum thickness of 2mm. Joints to be reinforced with Lafarge Joint Tape.

**Grey face (Baseboard and Lath only)**

Lafarge Supreme Skim should be applied to a minimum thickness of 3mm. Joints to be reinforced with Lafarge Joint Tape.

**Table 7.6 Coverage**

<table>
<thead>
<tr>
<th>Thickness (mm)</th>
<th>Coverage (m² per 25 kg bag)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>11</td>
</tr>
<tr>
<td>3</td>
<td>7.3</td>
</tr>
</tbody>
</table>

**Mixing**

All tools and buckets should be clean and all water used should be of drinking quality.

Sprinkle Lafarge Supreme Skim, minimising dust, onto the water and mix to a suitable creamy consistency, ensuring no lumps remain.

Lafarge Supreme Skim plaster should always be mixed in well ventilated conditions.

**Application**

This is the recommended six step method for skimming plasterboard. The italic text denotes the Lafarge Plasterboard best practice recommendation.

1. **Board Installation**

   Fix the wallboard using either a framed or direct bond installation method – ensuring that a 2-3mm gap has been left between the board abutments.

2. **Treating the joints**

   Using a trowel or taping knife, generously apply a gypsum-based setting compound to the tapered area of the board.

   Press Lafarge Joint Tape firmly into the compound to create a good bond and remove any excess material – fill the tapered area of the boards with compound and flatten down with a trowel.

3. **Lay on**

   When the joint filler starts to set, lay on a thickness of between 2 to 5mm of Skim Plaster in 1 coat or 2 layers – minimum thickness 2mm.

4. **Flatten down**

   You can flatten down when the plaster starts to pick up – you should flatten down with a dry trowel to achieve a flat appearance.

---

**Table 7.5 Applications**

<table>
<thead>
<tr>
<th>Background</th>
<th>Minimum thickness front face (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wallboard</td>
<td>2</td>
</tr>
<tr>
<td>Baseboard</td>
<td>3</td>
</tr>
<tr>
<td>Plank</td>
<td>2</td>
</tr>
<tr>
<td>Firecheck</td>
<td>2</td>
</tr>
<tr>
<td>Panelplus</td>
<td>2</td>
</tr>
<tr>
<td>Vapourcheck wallboard</td>
<td>2</td>
</tr>
<tr>
<td>Vapourcheck baseboard</td>
<td>3</td>
</tr>
<tr>
<td>Vapourcheck Firecheck</td>
<td>2</td>
</tr>
<tr>
<td>Lath</td>
<td>3</td>
</tr>
<tr>
<td>Thermalcheck</td>
<td>2</td>
</tr>
<tr>
<td>Thermalcheck XP</td>
<td>2</td>
</tr>
<tr>
<td>Thermalcheck K</td>
<td>2</td>
</tr>
<tr>
<td>Vapourcheck Thermalcheck</td>
<td>2</td>
</tr>
<tr>
<td>Moisturecheck 2*</td>
<td></td>
</tr>
</tbody>
</table>

* Pre-treatment with a PVA bonding agent is required prior to the application of the plaster finish.

---

5. **First trowel**

   Repeat step 4, but this time with a wet trowel.

6. **Second trowel**

   By repeating step 5 a quality finish can be achieved by trowelling – care should be taken not to over work the plaster with the trowel as this can lead to a highly polished plaster finish, which can be more difficult to apply a paint finish.

**Decoration**

Lafarge Supreme Skim plaster should be allowed to dry out thoroughly before decoration is started. Paint manufacturer’s instructions should be followed for decorating on to new plaster.

**Storage and Site Conditions**

Lafarge Supreme Skim plaster has a shelf life of three months. It should be stored in dry, well ventilated conditions, ensuring adequate ventilation at all times. The stock should be rotated, using the oldest first.

All sacks and pallets should be handled with care to avoid tearing the sacks.

Store on dry timber pallets. Do not store in direct contact with concrete floors. Avoid storing on damp substrates.

**Plastering should not be carried out at extreme temperatures (greater than 40°C and less than 5°C). In particular Lafarge Supreme Skim must not be used on frozen backgrounds.**
**Specification clauses**

**Lafarge Supreme Skim Plasters**

Lafarge Supreme Skim is a light coloured gypsum based finish plaster. It can be applied to plasterboard backgrounds to produce a high quality finish. Lafarge Supreme Skim should be used on Lafarge plasterboard ivory face.

**Additional Clauses**

Add general clauses, see Section 8, if required, for:
- Health and Safety
- Storage and materials
- Site conditions and workmanship

**NBS clauses**

When using the NBS Specification, use clause K10 PLASTERBOARD DRY LININGS/PARTITIONS/CEILINGS.

The Lafarge Plasterboard website contains a full set of NBS clauses, completed for each Lafarge Plasterboard system. See: www.lafargeplasterboard.co.uk/nbssearch/index.asp

---

**Location**  

**Background**

The background of .......... shall be clean of dust, dirt and grease, reasonably dry, and sufficiently true to allow the finished surface of the specified thickness of plaster to meet the tolerances required.

**Pre-treatment**

Apply PVAC bonding agent to BS 5270 in accordance with Lafarge technical literature. *(Insert in pre-treatment required)*

**Finish coat plastering**


**Joint Tape**

Lafarge Paper Joint Tape, width 50mm with centre crease. *(Specify for finished coat on plasterboard)*

**Tolerances of finished surfaces**

Tolerance of finished surface shall be in accordance with BS 5492: 1977, paragraph 37 Trueness of the Plastering System.

**Corner and edge protection**

Lafarge Duo Bead

Lafarge Edging Bead

Plastering bead to be Type .......... by .......... all to BS 6452.

**Materials and Installation**

All materials unless otherwise indicated shall be supplied by Lafarge Plasterboard Ltd, and shall be installed in accordance with their current literature and in accordance with BS 8212: 1995.

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Notes:

Red text lists alternative product specifications.

*(Italic red text within brackets gives advice on selecting the information needed).*
FINISHING
SKIM PLASTERING

Installation

1. Mixing
   Add the powder to clean water and mix it with a drill whisk or plunger until you achieve a creamy consistency.

2. Treat joints
   Using a trowel or taping knife, generously apply a Supreme Skim gypsum-based setting compound to the tapered area of the board. Press Lafarge Joint Tape firmly into the compound and flatten with a trowel.

3. Lay on
   Lay on a thickness of 2-5mm in one or two coats, minimum 2mm depth.

4. Flatten down
   You can flatten down when the plaster starts to pick up. You should flatten down with a dry trowel to achieve a flat appearance.

5. First trowel
   Repeat stage 4, but this time use a wet trowel. You might find that with Lafarge Supreme Skim plaster a first trowel can be done later than with other similar products.

6. Second trowel
   By repeating stage 5, a quality matt or semi-polished finish can be achieved by trowelling. – You will find it sets in 1½ - 2 hours.

Installation details on Lafarge systems are also available in the Lafarge Installation Guide or online at: www.lafargeplasterboard.co.uk
Textured finishes may be used to create a wide range of decorative effects. Primarily specified in bathroom and kitchen environments, they may also be adopted to disguise unevenness or cracking in older ceilings. Lafarge textured finishes are easily applied and are formulated to allow practical on-site setting times.
Lafarge Universal Texture

Lafarge Universal Texture provides a textured decorative finish to walls and ceilings.

Composition

Lafarge Universal Texture is a vinyl-based white texture to provide excellent pattern quality without shrink-back or slop.

Size

Lafarge Universal Texture is supplied in 25 kg bags.

Fire spread


Application

There are many common texture patterns in use, which can be classified as regular, random or feature patterns. Achieving the desired pattern quality is largely dependent on the skill and experience of the workman.

Installation

Typically Lafarge Universal Texture is applied to the ivory face of plasterboards and it is recommended that a 2-3mm gap is left between the plasterboards and the following installation sequence is carried out:

Apply Lafarge Universal Texture to the joints and press Lafarge Joint Tape firmly into the texture. Taking care to avoid trapping air bubbles, strike off flush with the plasterboard face, ensuring that the Lafarge Joint Tape is fully bedded. Fill screw heads with texture and allow to fully dry.

Apply Lafarge Sealertex or Lafarge Universal Sealer over the entire plasterboard surface; this will help to equalise the porosity of the surface and will increase the working time of the Universal Texture. Allow to dry fully before applying a coat of Universal Texture.

Apply the Lafarge Universal Texture evenly to a small area (in bands up to about 500mm – 20” wide) with a brush or roller; then form the texture pattern required, continue working in small areas making sure to blend in the pattern as you move from one area to the next. Form a margin at least 13mm -1/2” wide around all perimeters with a brush.

Note: in humid areas such as bathrooms and kitchens refer to paint manufacturer’s recommendations for suitable paint finishes.
Specification clauses

**Lafarge Universal Texture**
May be applied to any drylining specification.

**Additional Clauses**
Add general clauses, in Section 8, if required, for:
- Health and Safety
- Storage and materials
- Site conditions and workmanship

**NBS clauses**
When using the NBS Specification, use clause K10 PLASTERBOARD DRY LININGS/PARTITIONS/CEILINGS. The Lafarge Plasterboard website contains a full set of NBS clauses, completed for each Lafarge Plasterboard system. See: www.lafargeplasterboard.co.uk/nbssearch/index.asp

---

**Location**

**Background**
The background shall be clean, dry and free from dust, dirt and grease. If surface other than new plasterboard is to be textured telephone Enquiryline on: 01275 377789.

**Textured coating**
Lafarge Universal Texture coating applied in accordance with Lafarge Plasterboard’s instructions.

**Joint tape**
Lafarge Paper Joint Tape

**Sealer coat**
Lafarge Sealertex or Lafarge Universal Sealer applied across whole drylined surface by brush/roller in one single coat to coverage recommended by manufacturer.

**Overpainting**
Over paint, once the texture is completely dry, according to paint manufacturer’s instructions. *(In kitchens and bathrooms overpainting with a washable emulsion paint is recommended.)*

**Health and safety**
All recommendations contained in the Lafarge Plasterboard Health and Safety Data Sheet shall be followed. *(See Lafarge COSHH Data Sheets; also HSE’s CONDAM data, to include disposal of waste product).*

**Storage of materials**
The recommendations of BS 8212: 1995, Section 5, paragraph 31 must be complied with, all materials used must be within their “Use by” date.

**Site conditions and workmanship**
Provide adequate, continuous ventilation to areas where texturing has been carried out until texturing is completely dry.
Site conditions to be in accordance with BS 8212: 1995, Section 5, paragraph 28-35. Texturing must not be carried out in temperatures less than 5°C.
Workmanship to be in accordance with BS 8212: 1995, Sections 3 and 6, and BS 8000: Part 8: 1994.

**Materials and Installation**
All materials unless otherwise indicated shall be supplied by Lafarge Plasterboard Ltd, and shall be installed in accordance with their current literature and in accordance with BS 8212: 1995.

---

Notes:
Red text lists alternative product specifications.
*(Italic red text within brackets gives advice on selecting the information needed).*
## Coverage information

### Table 7.7 Coverage and ready reckoner

<table>
<thead>
<tr>
<th>Product</th>
<th>Pack size</th>
<th>Approximate coverage per pack</th>
<th>Shelf life</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fast Set</td>
<td>12.5 kg bag</td>
<td>25m² for filling and bedding</td>
<td>4 months</td>
</tr>
<tr>
<td></td>
<td></td>
<td>37m² for a bedding coat</td>
<td>4 months</td>
</tr>
<tr>
<td>Easy Finish</td>
<td>10 kg bag</td>
<td>25m² for a full taping operation</td>
<td>4 months</td>
</tr>
<tr>
<td></td>
<td></td>
<td>47m² as a finishing coat</td>
<td>4 months</td>
</tr>
<tr>
<td>Rapid Sand</td>
<td>22.5 kg bag</td>
<td>64m² for a full taping operation</td>
<td>6 months</td>
</tr>
<tr>
<td></td>
<td></td>
<td>174m² as a finishing coat</td>
<td>6 months</td>
</tr>
<tr>
<td>New Pure Velvet</td>
<td>25 kg bag</td>
<td>55m² for a full taping operation</td>
<td>6 months</td>
</tr>
<tr>
<td></td>
<td></td>
<td>165m² as a finishing coat</td>
<td>6 months</td>
</tr>
<tr>
<td>FineForm Mid-Weight</td>
<td>20 kg</td>
<td>45m² for a full taping operation</td>
<td>6 months</td>
</tr>
<tr>
<td></td>
<td></td>
<td>120m² as a finishing coat</td>
<td>6 months</td>
</tr>
<tr>
<td>Readymix Lite</td>
<td>20 kg</td>
<td>50m² for a full taping operation</td>
<td>6 months</td>
</tr>
<tr>
<td></td>
<td></td>
<td>135m² as a finishing coat</td>
<td>6 months</td>
</tr>
<tr>
<td>Universal Texture</td>
<td>25 kg</td>
<td>30-40m² depending on pattern</td>
<td>6 months</td>
</tr>
<tr>
<td>Supreme Skim</td>
<td>25 kg</td>
<td>10m² depending on thickness</td>
<td>3 months</td>
</tr>
<tr>
<td>Sealertex</td>
<td>10 litres</td>
<td>100-300m² depending on water ratio</td>
<td>12 months</td>
</tr>
<tr>
<td>Universal Sealer</td>
<td>10 litres</td>
<td>100m²</td>
<td>12 months</td>
</tr>
<tr>
<td>Drywall Sealer</td>
<td>10 litres</td>
<td>100m² one coat</td>
<td>12 months</td>
</tr>
<tr>
<td></td>
<td></td>
<td>70m² two coat</td>
<td>12 months</td>
</tr>
<tr>
<td>Deco Joint Cement</td>
<td>20 kg</td>
<td>50m² for a full taping operation</td>
<td>6 months</td>
</tr>
<tr>
<td></td>
<td></td>
<td>167m² as finishing coat</td>
<td>6 months</td>
</tr>
<tr>
<td>Deco Machine</td>
<td>20 kg</td>
<td>62.5m² for a full taping operation</td>
<td>6 months</td>
</tr>
<tr>
<td></td>
<td></td>
<td>168m² as finishing coat</td>
<td>6 months</td>
</tr>
<tr>
<td>Predeco Joint Filler</td>
<td>12.5 kg</td>
<td>25m² for filling and bedding</td>
<td>4 months</td>
</tr>
</tbody>
</table>