



# how to: finish internal walls

professional range of  
**wall finishing and  
repair solutions**



Siniat finishing





## professional range of wall finishing and repair solutions

This how to guide provides you with information on selecting the right product for your finishing or repair project.

### Finishing

Taping or Jointing is a quicker and lower cost finishing process versus skimming, already used extensively in commercial projects, this technique enables the project completion in a fraction of time.

Please check that this is the current version by visiting the [Siniat website](#). For archived versions please contact [Technical Services](#).



#### Revision history

| Version | Date of publication                                  |
|---------|--|
| 3.0.0   | September 2024 Brand updated and technical reviewed. |



Jointing



Finishing

# jointing compounds

Our compounds are available in three main types; Setting compounds, Air-drying compounds and Hybrid compounds.

## Setting compounds

Typically used for filling and jointing. They are applied by hand and offer low levels of shrinkage.

**Working time:** This is the length of time the setting product is workable, after which time the product starts to set.

**Setting times:** Setting compounds come with specific setting times. These times refer to the approximate amount of time required for the compound to 'set' after it makes contact with water. Times aren't affected by atmospheric humidity.

## Setting/air-drying combined compounds

Combines elements of both setting and air-drying compounds, adding an amount of durability and offering a slightly harder finish over standard air-drying products. They offer a simple one-product solution for two stage processes and are ideal for repairs.

## Air-drying compounds

Typically used for secondary filling or finishing. They can be hand or machine applied.

**Air-drying time:** The length of time taken for the product to dry. These times are impacted by external conditions such as humidity and temperature.



# taping and jointing products

The matrix below shows which products to use for either a two or three stage process. Typically the number of stages required is dependent on the quality of the board installation, however Siniat recommends the three stage process for the best possible finish.



Siniat Joint Cement



Siniat Joint Filler



Siniat Multipurpose Joint Compound



Siniat Aquamix  
For use with Aquaboard™  
(Ready-mixed)



Siniat Smartmix  
(Ready-mixed)



Siniat Deco Joint Cement  
For use with Megadeco  
(Ready-mixed)

## Recommended three stage process

| Stage 1: Bed and Fill              | Stage 2: 1st Finish                | Stage 3: 2nd Finish                | Results                                       |
|------------------------------------|------------------------------------|------------------------------------|---|
| Siniat Joint Filler                | Siniat Joint Cement                | Siniat Joint Cement                | Best finish<br>Low shrinkage,<br>easy to sand |
| Siniat Joint Filler                | Siniat Smartmix<br>(Ready-mixed)   | Siniat Smartmix<br>(Ready-mixed)   |   |
| Siniat Multipurpose Joint Compound | Siniat Multipurpose Joint Compound | Siniat Multipurpose Joint Compound | Fast completion<br>Fast setting times         |

## Two stage process

| Stage 1: Bed and Fill              | Stage 2: Finish                    |
|------------------------------------|------------------------------------|
| Siniat Joint Filler                | Siniat Joint Cement                |
| Siniat Multipurpose Joint Compound | Siniat Multipurpose Joint Compound |
| Siniat Smartmix<br>(Ready-mixed)   | Siniat Smartmix<br>(Ready-mixed)   |

## Key

Compounds shown are powder unless stated 'Ready-mixed'.

Setting compound

Setting / Air-drying combined

Air-drying compound

**Note:** excluding Siniat Megadeco and Siniat Aquaboard™, for more information contact Siniat [Technical Services](#).

# finishing – taping and jointing

Taping and Jointing is a simple finishing solution for drylining installations, to reinforce joints to prevent cracking and ensure fire and sound performances are achieved. It is suitable for areas of plasterboard where speed and ease of application can greatly reduce installation time and costs versus a skim finish.

## Recommended three stage process



### Bedding and fill coat

Tape or bead is bedded into the compound and taper filled out.



### 1st finish coat

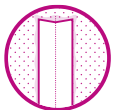
The taper is re-filled with compound where required.



### 2nd finish coat

Final compound layer is applied and sanded for a smooth finish.

## Two Stage Process



### Bedding and fill coat

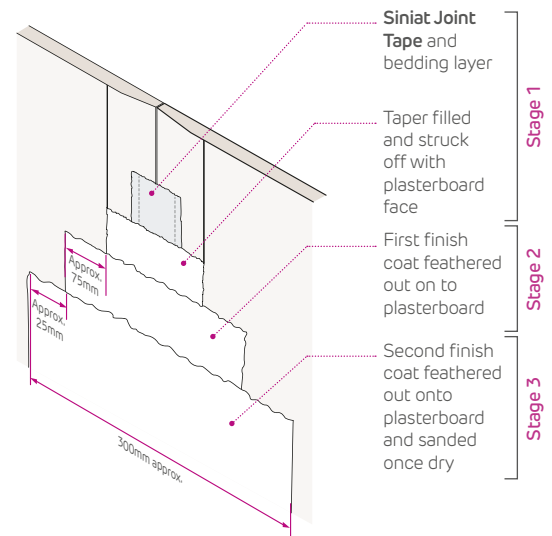
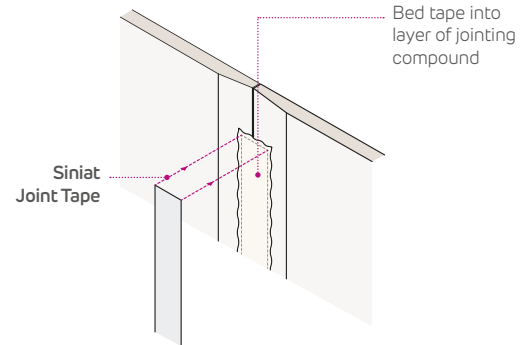
Tape or bead is bedded into the compound and taper filled out.



### Finish coat

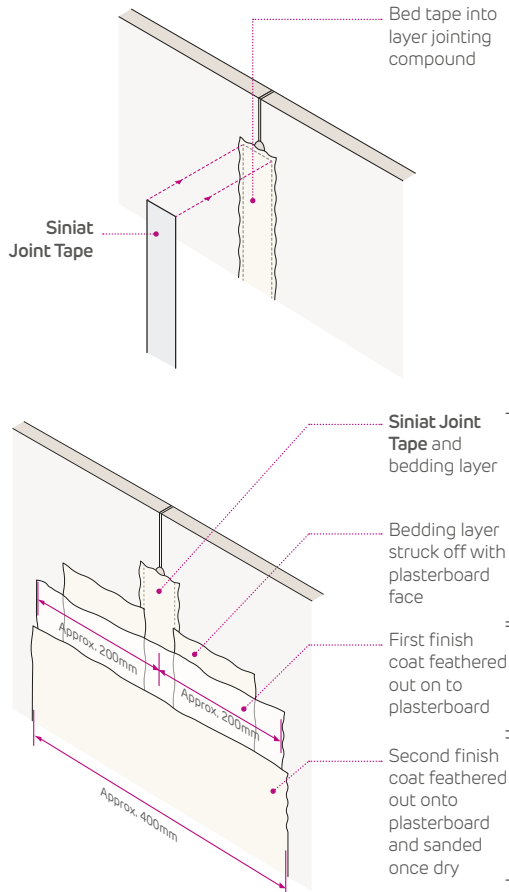
Final compound layer is applied and sanded for a smooth finish.

## Tapered edge (recommended three stage process)



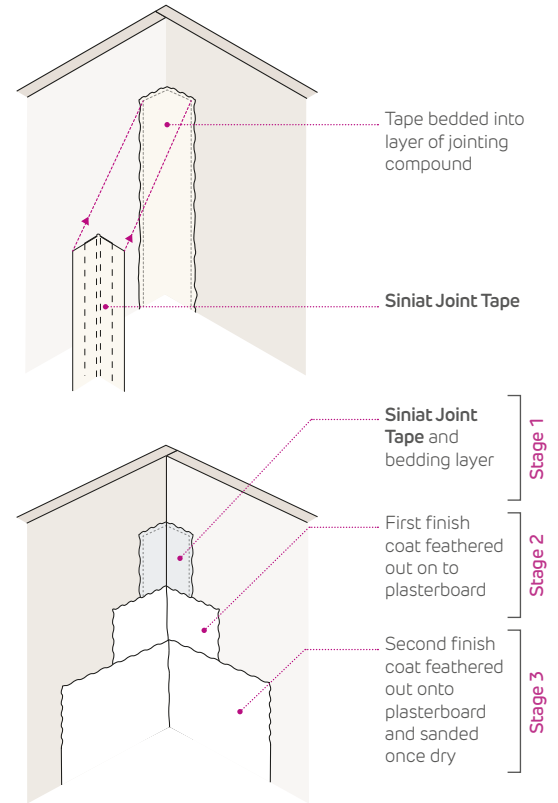
- Tapered edge board provides the best finish by allowing the Joint Tape to sit below the finished surface.
- Board surfaces to be dry, clean, protected from weather, secure and evenly fixed.
- Square edge plasterboard may also be jointed using the method on the following page.

## Square or cut edge (recommended three stage process)



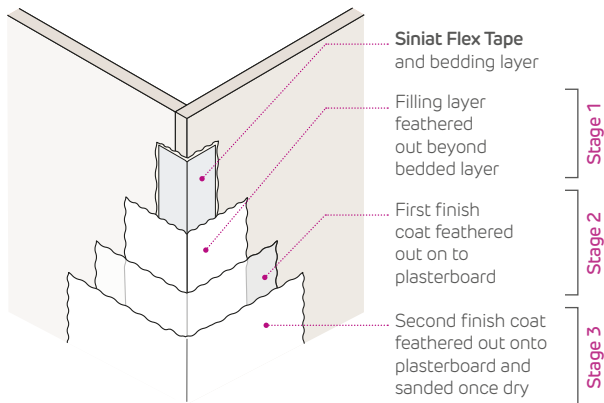
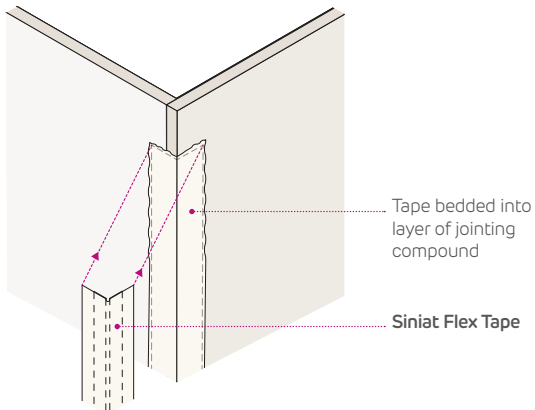
- Correct screw fixings to be used with screw heads just below surface of board.
- Gaps over 3mm to be filled with Siniat Joint Filler or Siniat Multipurpose Joint Compound prior to tape installation.

## Internal corner (recommended three stage process)



- Compound to be applied in nominal 1mm layers. Thicker layers will extend drying time.
- Siniat Joint Tape cut to length to be pressed into bedding compound.
- Second coat of jointing compound if required to be applied over dry joint, feathered out approximately 75mm beyond the edge of first coat.
- Finishing coat of compound feathered out approximately 25mm beyond second coat.
- Finished, dry joint to be sanded to smooth finish for sealing and decoration.

## External corner (recommended three stage process)



- Square edge joints only: Joint width to be wider to reduce visible crowning.
- External corners only: Siniat Flex Tape to be applied in place of Siniat Joint Tape as reinforcement.

## Drywall and Universal sealer



Once the taping and jointing process has been completed, Universal Sealer must be applied to prevent 'regency striping'. When using Siniat Aquaboard™, Drywall Sealer must be applied prior to painting/tiling in severe moisture areas.

## Regency striping









This term is used to describe the effect of the paint finish reacting differently on the joints to the surface of the board (suction), if the sealer is not applied the joints may be visible no matter how well the taping and jointing process has been completed. Once dry, a paint finish can be applied in the normal manner.

## pretreatment requirements

On projects with a specified skim finish, some Siniat boards are recommended to be pretreated prior to finishing with skim, see tables below.

| No pre-treatment required |
|---------------------------|
| Standard Board            |
| Plank                     |
| Contour Board             |
| Base Board                |
| Vapour Board              |
| Fire Board                |
| E Board                   |
| dB Board                  |
| Universal™ Board          |
| Thermal EPS               |
| Thermal XP                |
| Thermal PIR               |
| Bonding agent             |
| Moisture Board            |
| Fire MR Board             |
| Fire Core Board           |
| LaDura                    |
| Cannot be skimmed         |
| Megadeco                  |
| Aquaboard™                |

## choosing your finishing and jointing compounds

|  |                    | Application  |   |                     | Product detail       |                            |                                 | Application method            |         |   |
|--|--------------------|--|---|---------------------|----------------------|----------------------------|---------------------------------|-------------------------------|---------|---|
|  |                    | Bedding coat   | Finishing coat  | Patching and repair | Bag/bucket size (kg) | Coverage (m <sup>2</sup> ) | Shelf life (months)             | Hand                          | Machine |   |
| Powder   | Setting            | Siniat Joint Filler                 | ✓   | ✗                   | ✗                    | 12.5                       | 25<br>(Bedding and second coat) | 9                             | ✓       | ✗ |
|  | Setting/Air-drying | Siniat Multipurpose Joint Compound  | ✓   | ✓                   | ✓                    | 10                         | 25<br>(Bedding and second coat) | 9                             | ✓       | ✗ |
|  | Ready-mixed        | Air-drying   | Siniat Joint Cement  | ✓                   | ✓                    | ✗                          | 25                              | 55<br>(Full taping operation) | 9       | ✓ |
| Siniat Smartmix  |                    |  | ✓   | ✓                   | ✓                    | 20                         | 50<br>(Full taping operation)   | 12                            | ✓       | ✓ |
| Air-drying   |                    | Siniat Deco Joint Cement          | ✓   | ✓                   | ✓                    | 20                         | 50<br>(Full taping operation)   | 12                            | ✓       | ✓ |
|  |                    | Siniat Aquamix™                   | ✓   | ✓                   | ✓                    | 20                         | 50<br>(Full taping operation)   | 12                            | ✓       | ✓ |





### Installation tips

For a step-by-step video guide and tips on finishing and repairing interior walls, check out our Siniat YouTube Channel.



[youtube.com/siniatukchannel](https://youtube.com/siniatukchannel)



### Pretreatment

Prime board surface with PVA conforming to BS 5270, diluted to 5:1 and allow to dry, re-prime with second application of PVA, diluted to 3:1. Whilst the second coat of PVA is still tacky, apply skim finish (manufactured to EN 13279-1).

*(Proprietary alternatives may be acceptable.)*

**NB:** It is Siniat's recommendation to not use self adhesive mesh (Scrim) tapes when skimming, due to being prone to cracking. Use Siniat Joint Tape for all boarding joints.

For advice with installation contact Technical Services at:

**[technical@siniat.co.uk](mailto:technical@siniat.co.uk)**

or call: **01275 377 789**

or **0800 145 6033**

Etex Building Performance Limited  
Marsh Lane, Easton-in-Gordano,  
Bristol, BS20 0NE

**+44 (0)1275 377 773**

[siniat.co.uk](https://www.siniat.co.uk)

