



## Case Study: MP75's mettle under storm

When torrential rain struck a Sheffield construction site, saturating two partly completed apartment buildings, MP75 projection plaster got an unexpected chance to show its mettle – enhancing its growing reputation among plastering specialists. Plastering subcontractors Lord and Downing of Rotherham were mid-way through a 7,500 square metre MP75 projection plaster project at Neepsend, Sheffield, when a storm flooded the top floors of the two four-storey buildings, then still unroofed. Water soaked into blockwork walls on the lower floors, freshly plastered with MP75. The excessive wetness and essential replacement of corroded galvanised electrical conduits meant that many of the walls had to be re-plastered.

After close inspection, Knauf Drywall's technical experts found that a substantial proportion of the original plastering was damp, but undamaged.

Lord and Downing director Russ Downing says MP75 performed well under exceptional circumstances, "If it had been a traditional two-coat plaster it would probably all have washed off the wall. But much of the MP75 stayed on and soon dried out again, producing an even harder finish than usual. MP75 is the best finish we've seen in 30 years. None of our teams want to go back to hand-plastering after they have used it. And now builders and developers are showing interest because it's fast and provides real quality."



## Recommended Contractors



When selecting a projection plaster contractor always look out for the Knauf Drywall "MP75 Projection Plaster Recommended Contractor" logo.

The MP75 programme is backed up with a national network of recommended contractors who have completed an intensive training programme before being approved by Knauf Drywall.

This ensures that they are able to meet the high standards that we demand and gives you confidence that they will produce a high quality finish.

Our Recommended Contractors benefit from comprehensive backup and support, drawing on Knauf Drywall's resources and expertise from sales and marketing through to on-site technical support.

Each Recommended Contractor has agreed to a code of conduct and a programme of continuous improvement that sees them manage projects to a very high standard, from pre-project site inspections through to leaving a clean and tidy finished job – and a perfect MP75 finish.

To find your nearest Recommended Contractor:

[www.knaufdrywall.co.uk/mp75](http://www.knaufdrywall.co.uk/mp75)

### Customer Service

Freephone: 0800 521 050  
Freefax: 0800 521 205  
email: [cservice@knauf.co.uk](mailto:cservice@knauf.co.uk)

### Technical Service Hotline:

01795 416 259

### Website

[www.knaufdrywall.co.uk/themanual](http://www.knaufdrywall.co.uk/themanual)

Knauf Drywall  
PO Box 133  
Sittingbourne Kent ME10 3HW

# KNAUF DRYWALL



# MP75 Projection Plaster

## Europe's No.1 Seller

are you in the **k**now?

**KNAUF** DRYWALL





## MP75 Projection Plaster

**MP75 projection plaster from Knauf Drywall is Europe's number 1 seller - and with good reason: 3 times faster than traditional plastering and with effortless application, the result is a superb white finish that contractors are saying "is the best finish we've seen in 30 years".**

contains and manages the mixing process and provides the professional plasterer with a new level of control when applying the plaster. The nozzle makes it easy to work in awkward areas such as stairwells, and around pipes and conduits.

### 3 times faster

Knauf MP75 is applied in one coat and provides a tough and durable surface that can be decorated as normal, or left for a 'natural' look.

There is none of the mess normally associated with wet trades as the projection system

A fully trained 3 man team can spray, rule and finish 150m<sup>2</sup> of Knauf MP75 in a single working day. This brings benefits for the plastering contractor, who can work more efficiently, and for the client as it allows the commercial yield to start sooner.

## Why projection?

Machine application brings many advantages and has been standard practice in mainland Europe for years.

As well as the obvious speed benefits, the plaster machine ensures that a consistent mix is achieved throughout the job and reduces mess on site.

A key benefit for the plasterer is the removal of the back breaking effort of mixing and applying traditional plaster by hand. The lengths of hoses available also mean that the machine can be left in one place whilst several rooms are plastered so you don't have to keep relocating the plaster bags as you go.

### What size job is practical?

The key is the time it takes to set up the machine and prepare the room (typically about 1 hour). Once set up, the speed with which Knauf MP75 can be applied means that it doesn't take a very large room before it becomes the obvious choice. Say about 30m<sup>2</sup> as a minimum.

If the areas to be plastered are an awkward shape, or contain obstructions, then using Knauf MP75 will bring benefits faster. Of course, the larger the job the more you will gain by using Knauf MP75 projection plaster.

Typical projects include:

- Hotels
- Housing
- Military barracks
- Student accommodation
- Police stations
- Golf clubs
- Nursing homes
- Toilets and stairwells.



**FREE DVD**  
**SEE MP75 IN ACTION**  
**CALL: 08700 613700**

## MP75 Performance

### How does MP75 compare with two coat plaster?

We are often faced with this question at the specification stage, particularly with regards to hardness and drying times. The answer is it compares very favourably on both counts.

In order to make an objective comparison it is important to understand the difference between a one-coat and two-coat system:

With a two-coat system, you have a separate thin dense layer

on top that dries first, and a much less dense layer forming the bulk of the thickness.

With a one-coat system, such as Knauf MP75, the entire thickness of the plaster is a single entity. This means that the hardness you get at the surface is the same all the way through.

So you can be sure that the entire thickness of the MP75 is there to help absorb impacts – not just a 2mm top coat.

#### Knauf MP75 Performance Information

Hardness	10N/mm <sup>2</sup>
Tensile strength	1.8N/mm <sup>2</sup>
Compressive strength	5.5N/mm <sup>2</sup>



## Frequently asked questions

### What is the maximum thickness that MP75 can be applied to?

Knauf MP75 can be applied to a thickness of up to 20mm in a single coat, although we normally recommend a nominal thickness of 13mm for most applications.

### How long does MP75 projection plaster take to dry?

With good ventilation approximately 2 weeks. Knauf MP75 is suitable for decoration when the moisture content is less than 20%. The moisture content can be determined using a moisture meter.

### Does MP75 require ventilation?

YES! All doors and windows should be opened as soon as spraying of Knauf MP75 is completed in the room. The doors and windows should remain open until the MP75 has fully dried out - this is an essential part of the plaster process. They can be shut at night if necessary for security reasons, but must be opened again during the day.

### What is sufficient ventilation?

Knauf MP75 requires a steady flow of air to draw the water out of the plaster in order to facilitate its hard and smooth dried finish.

This can be achieved simply by opening all windows and doors after the spraying process.

### How do different backgrounds affect the drying time of MP75?

They will affect the way that the Knauf MP75 dries as the levels of suction will differ. Dense concrete blocks have almost no suction so the drying process will send the water in the MP75 to the surface. This "sweating" is perfectly normal and with good ventilation does not extend the drying time nor affect the final surface finish or hardness. Most other types of blocks have a degree of suction which will draw some of the water in the plaster mix into the background. High suction backgrounds may require pre-treatment with Knauf High Suction Plaster Primer.

No matter what background type MP75 is being applied to, good ventilation is essential.

### What decoration can be applied to MP75?

Knauf MP75 dries to a smooth white surface, ready to receive a normal decorative or tiled finish. Alternatively, the surface can be protected using a specialist transparent coating to leave a natural plaster look.

## Europe's no.1 seller

- Available in 25kg bags
- Article number: 140 03 300
- Coverage: 100 - 125m<sup>2</sup> per 1000kg

