

# East Village, Stratford in London

## Case Study



### Project data

**Project:** East Village, Stratford in London

**Project outline:** Two residential towers of 30 and 26 storeys, containing a total of 482 apartments.

**Main Contractor:** Mace

**Sub Contractor:** Conneely and AT Plastering

**Products:** Knauf Fill & Finish, Knauf Joint Filler Premium, Knauf Airless Finish and Knauf Plasterboards.

**Summary:** A full Knauf system specification has been used on an award-winning housing development at East Village, Stratford that was a centrepiece for the 2012 London Olympics.

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### Knauf's Readymixed Finishing Solutions support award-winning innovative housing development.

A full Knauf system specification has been used on an award-winning housing development at East Village, Stratford that was a centrepiece for the 2012 London Olympics. Two residential towers of 30 and 26 storeys, containing a total of 482 apartments, are currently being constructed at the site.

Construction giant Mace, the main contractor appointed to work on the project, scooped two prizes at the 2018 Construction News Awards, held in London on 12th July 2018. The firm won 'Best Innovation' and the new 'Sir Michael Latham Award', sponsored by the Department for Business, Energy and Industrial Strategy (BEIS) and the Infrastructure and Projects Authority, for their unique new Rising Factory method.

The self-contained factory is constructed around the outside of the new building. Inside, the residential tower is constructed floor by floor and when one is completed, the factory is 'jumped' up 3.3m to the floor above to repeat the process, revealing the completed building below.

Main contractor Mace appointed sub contractors Conneely and AT Plastering to complete the drywalling and plastering elements of the project and chose to use Knauf Fill & Finish, Knauf Joint Filler Premium, Knauf Airless Finish and Knauf Plasterboards as a full system specification in this high-profile project where speed was of the essence.

Dean Phillips of Conneely said: "I always use the full Knauf system for projects. Overall, using Knauf was a good experience from start to finish in East Village and I'd definitely use them again for my next project."

"A representative from Knauf always comes to visit us on site to provide assistance with the product application. They are able to provide us with clear, easy to understand information and I've not had any problems with using the full Knauf system specification."

Andrew Mansfield from AT Plastering agreed. "Normally for a project this size you'd need 30-40 plasterers, but using the Knauf system we only need 15 spray plasterers. There is also no need to have the typical 6-8 labourers to clear up wastage as using Knauf Airless Finish means there is almost zero waste".

He added: "It's also much easier to use compared to traditional plastering methods. The fact it is pre-mixed is a big plus for us as normally you'd have to wait for around two weeks after plastering before painters can come on site."

Knauf Airless Finish only requires ventilation and a little bit of heat whereas traditional plaster requires all the moisture to be drawn out before paint can be applied. The spray plaster method allows us to expedite the whole process and helps reduce overall costs for projects due to the savings gained from reduced time and labour."



Manufactured from crushed and milled marble, together with polymer and organic binders, Knauf Readymixed Finishing products eliminate the need for a direct water supply on site. The significant reduction in product wastage is achieved through the ability to recycle any excess plaster back into the hopper to be used again.

"It's definitely the way forward," says Andrew.

East Village is also at the centrepiece of a new report from Mace which has found widespread adoption of modern methods of construction (MMC) could create a £40billion export market for the UK. The rapid working times offered through using Knauf's Readymixed Finishing Solutions can boost productivity for contractors by using a modern and efficient method for plastering.

East Village is due for completion in 2019.

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