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For the attention of [Frederique Noirault](#)

Sent via email only to : frederique.noirault@bouygues-uk.com

RE: MANHATTAN LOFT GARDENS LEVELS 10 & 28

CONTACT

Mick Hooper
National Flooring Manager – Schönox
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13 April 2018

Our ref: MH/JES/BOU0208

Dear Sirs

Further to our recent site meeting and further discussions regarding the above works, we write to confirm our proposals for the reinstatement of the perimeter areas between the calcium sulphate screed boards and the steel superstructure elements.

Our proposals are based on a best case scenario. Hairline cracking between the concrete substrate and the steel elements may still occur due to differential expansion / contraction. However, once the wood flooring has been installed over these areas, the elastic nature of the SW890 adhesive will accommodate the anticipated movement / cracking within itself and should not reflect through to the finished surface and therefore we believe that the repair proposal will offer a long term solution to the current problems on site.

The attached specification should be utilized along with a progressive survey of the as built environment and therefore maybe subject to change.

We trust the above is as expected. Should you wish to discuss further please do not hesitate to contact the undersigned.

Yours faithfully

A handwritten signature in black ink, appearing to read "Mick Hooper".

Mick Hooper
National Flooring Manager Schönox

A handwritten signature in black ink, appearing to read "Sam McNaughton".

Sam McNaughton
Technical Services Advisor Flooring

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Sika Remedial Specification for Manhattan Loft Gardens Levels 10 & 28 Perimeter Gap

Concrete and cementitious Lytag infill surfaces must be mechanically prepared to provide a clean, sound, contaminate free substrate. All loose materials, weak concrete, and surface laitance must be removed. Techniques such as shot blasting or diamond grinding are ideally suited.

Perimeter steel surfaces must be prepared to provide a clean, grease and contaminate free surface. Ensure all construction debris such as plaster, paint etc. are removed.

Excessive level differences in the substrate should be removed by mechanical grinding to a level surface suitable for the intended repair material.

All outside edges that do not terminate against a wall or curb must be keyed to avoid feathered edges.

INSPECTION AND TESTING

Measure the environmental conditions at the time of application. Ensure the substrate temperature is at least 3°C above the measured dew point. Minimum application temperature is 10°C.

Check ambient air temperatures RH and substrate temperature before installation begins. Avoid ascending temperatures and install **Sika® Schönox SHP** Primer in constant or slightly descending temperatures.

All joints subject to movement must be brought through the wearing surface.

Non-moving joints may be raked out and filled with **Sika® Schönox RR**.



SIKA SCHÖNOX PRIMER

Following preparatory works, apply by brush or roller, **Sikafloor® - SHP** to the steel surface at a minimum consumption rate of 100gm/m². Do not allow the material to puddle. Leave to dry for a minimum of two hours before proceeding.

SIKA® SCHÖNOX RAPID REPAIR MORTAR

Apply **Sika® Schönox RR** to the primed surface to a thickness of between 3-50mm depending on application requirements. See the technical data sheet for details of application. Finish with a wood or plastic screed float.

WOOD FLOOR INSTALLATION

Following adequate curing / drying time, install wood flooring in accordance with the suppliers recommendations using SW890 Adhesive.

JOINTS SUBJECT TO MOVEMENT

All joints subject to movement must be brought through the wearing surface.

Prime the joint edges with **Sika® Primer-3 N** using a brush, before sealing allow a flash off time of at least 30 minutes (max. 8 hours).

Seal the joint using **Sikaflex® PRO3 i-Cure** installed to the correct joint geometry.

GENERAL HOUSEKEEPING

Allow the system to cure sufficiently prior to exposure to traffic and / or chemicals or the application of additional materials. The product data sheets gives detailed guidance on cure times (temperature dependent).

Housekeeping standards should be such that spillages are washed off with clean water as soon as possible.



All of the above materials shall be applied strictly in accordance with our current Technical Datasheets.

All information sheets and relevant health and safety guidelines.

The contractor shall afford Sika Limited every facility to enable them to carry out periodic site visits. This service does not absolve the contractor of his responsibility to carry out all work strictly in accordance with the specification.

CDM REGULATIONS

Sika Limited does not fulfil the role of the Principal Designer and therefore preparation for the proposed specification and subsequent works should only commence when all parties involved with the design and execution of the works are satisfied the appropriate CDM regulations have been fulfilled.

DISCLAIMER

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