JOHN NEWTON
& COMPANY LIMITED (EST. 1848)

REFURBISHMENT WATERPROOFING CASE STUDY
West End, Glasgow Scotland

BASEMENT CONVERSION PROJECT

History

The new owners of this prestigious property in Glasgow's West End discovered an unused sub floor space and realised the potential of creating a dry and functional basement area. The client did not want to disturb the original foundations and needed a waterproofing solution that would be cost effective and practical.

Methodology

The Engineers involved designed a new raised ground floor level, using structurally designed support beams to achieve the required height in the basement.

Newton Specialist Basement Contractor Richardson and Starling Ltd then designed a robust waterproofing system incorporating Newton 508 membrane to the wall and floor area with the Newton Basedrain installed across retaining aspects of the property. To save on internal heights the Basedrain was rebated into the slab with the Newton 508 membrane directly across the floor. Insulation and a 65mm sand and cement screed was then laid. Independent dry-lining was then installed in front of the wall membrane to accept a plasterboard and skim finish. Any water ingressing the basement was diverted to the Basedrain then into a Newton Titan Pump System for removal.

Result

The once redundant sub floor void was transformed into a magnificent living space adding significant value to this property in a sort after location.

Benefits

The system designed and installed offers piece of mind to the client and specifier of an insured backed guarantee on all aspects of structural waterproofing.

NSBC Contractor: Richardson & Starling

Newton System 500 with independent dry lining frame

Basement conversion complete

The once unusable sub floor void has been converted a large practical space

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