

Job Reference

Irish Times Building, Ireland



THE
TIMES
BUILDING

 **BASF**
The Chemical Company

Project Description:

The redevelopment of the former offices of the Irish Times on D'Olier and Fleet Street in Dublin has created a new landmark development housing a mix of contemporary commercial, retail, restaurant and high-end residential units over basement car parking. The scheme allowed for the retention of listed buildings and shop fronts along D'Olier Street but permitted the removal and redevelopment of buildings along Fleet Street and the construction of a large atrium connecting the original listed buildings with a new structure facing Fleet Street. With a gross floor area of 8427m², 2309m² was retained floor space with 6118m² being new floor space.

The Challenge:

The basement level of the building was to be converted into dry commercial storage, retaining the original vaulted under pavements and maintaining the original footprint of the building. When selecting a waterproofing solution, the confined working space meant that limited methods of application were possible.

The Solution:

BASF Construction Chemicals in conjunction with the Dampstore jointly proposed that the THORO® waterproofing system be applied to the walls and floors of the basement. The solution provided was the most practical for the development of the basement areas. A close contractor/supplier working relationship, together with the back-to-back joint warranty offered by BASF, enabled the contractor to offer the end client an attractive warranty-approved basement waterproofing package.



Application:

The original floor levels were reduced to increase the ceiling height and the walls were underpinned. Reinforced concrete floor slabs were cast throughout the basement. A sand/cement mortar modified with THORO® Acryl 60 was used to repair/re-level sections of underpinning. A THORO® Waterplug fillet was applied to the floor-wall interface throughout the basement.

Two coats of THOROSEAL® modified with THORO® Acryl 60 were applied to the floors and walls by hand, using a stiff bristled broom. Once cured, the THOROSEAL® on the walls was protected by a sand cement render. The floors were protected and levelled with MASTERTOP® 524 cementitious screed. In total an area of 1700m² was treated.

Other BASF Basement References:

United Kingdom

Bank of England, London
Tec Build Services Ltd, Stag Cottage, Devon
16 Plasterton Gardens, Devon
The Manor House, Devon

Europe

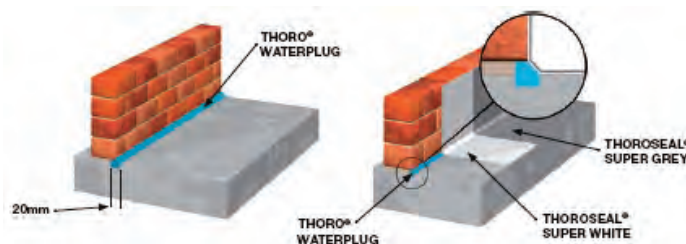
Henry J Lyons Architects' Office, Dublin

Middle East

American Embassy, United Arab Emirates

Asia Pacific

Guang Petroleum, China
Rivervale Crest Condominium, Singapore
Saigon Holiday Inn Building, Vietnam
St Stephen's School, Singapore



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