

PROVEN PERFORMANCE

*SCOTLAND'S SPORTS PERFORMANCE CENTRE
HERIOT WATT UNIVERSITY*

TOPFLOW ARCHITECTURAL
TINTED CONCRETE

Product TopFLOW ARCHITECTURAL TINTED CONCRETE
Client EDINBURGH COUNCIL
Main contractor BOWMER & KIRKLAND
Sub-contractor DEANS CIVIL ENGINEERING LTD
Location HERIOT WATT UNIVERSITY
Date of completion AUTUMN 2016

Topflow Architectural enables exceptional quality on vertical applications with no remedial work. Mixes, strengths and placing techniques can be specified and tailored to suit project requirements.

THE CHALLENGE

Construct is a £33m multi-sport Centre, designed to provide Scotland's top sportsmen & women with the facilities to excel on an international stage, but also be open to the wider public, inspiring future generations of Scots to aim for sporting excellence. The facility will include a full-sized indoor pitch, top-level grass and synthetic outdoor pitches, a high performance strength-conditioning centre, medical centre and hydrotherapy pool, fitness centres and studios as well as support services. The plan was for the outer walls and mezzanine to be coloured with charcoal to create a modern look with a Reki mould being utilised as part of the shutter lining to give the highest quality aesthetic design.

OUR SOLUTION

After rigorous testing of materials, and different solutions discussed internally with Tarmac's technical department and production manager, Topflow Architectural with charcoal tint was proposed. The finish on the exposed walls was critical due to the use of Reki shuttering with finish mould to give the desired aesthetic look. This proposal was accepted after meeting with Tarmac's Solutions Support Team, local representative and the client, along with completion of a successful trial.

RESULTS AND BENEFITS

This was the first time Deans had used a pigmented Topflow (charcoal colour) and were impressed with how easily the material flowed. The combination of self compaction and colour meant that there was minimal effort with the pour to get maximum effect and the highest quality finish. The use of this material resulted in cost savings through a reduction of manpower, while the in-situ solution also offered significant cost savings over pre-cast construction.

For more details contact topflow@tarmac.com or call **0800 1 218 218**

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