

The CHUB, WORKSOP, NOTTINGHAMSHIRE

A building at the forefront of sustainable design



Before installation of HYDROPACK

CHUB, Nottinghamshire County Council's new multi-purpose community building in Worksop has been described by Councillor Allan Rhodes as "one of the most exciting projects in town for many years". The aim was to create a flexible venue for a new library and a range of services and community activities.

With three different roof designs Axter's materials were specified because of their diverse yet integrated product range; robust fully bonded two-layer roofing systems and their modular green roof system (HYDROPACK) which met the required water attenuation criteria, all backed by Axter's excellent design service and long term product guarantees.



Architect	Nottinghamshire County Council; Project Architect: Robert Parry
Main Contractor	Interserve plc
Axtershield Installer	Torclad Ltd, Leicester
Area	Total roof approx. 2,750 m ²
Axter Materials	<p>Library: perforated metal deck with mineral wool infill, HYRANGER SPOT ADH self adhesive vapour control layer, 140 mm HYTHERM ADH thermal insulation, HYRANGER SPOT ADH base layer and HYRANGER 40 PY cap sheet (colour charcoal).</p> <p>Day care centre (green roof): Kingspan Envirodeck composite decking, HYRANGER SPOT ADH base and ALPAFLORE PY AR cap sheet, HYDROPACK pre planted vegetation trays, with Axter perforated erosion barrier.</p> <p>Ceremony room: Plywood deck, HYRANGER SPOT ADH vapour control layer, 100 mm Hardrock plus 70 mm HYTHERM ADH thermal insulation, TOPFIX FMP SPF base layer mechanically fastened, HYRANGER 40 PY FP cap sheet (colour leaf green).</p> <p>U-value = 0.19 W/m²°C</p>

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