

Case Study

Colaiste Ailigh, Letterkenny – PPP School Bundle 3



Project Brief;

This was a **public–private partnership (PPP)** which is a government service business venture funded and operated through a partnership of government and one or more private sector companies.

BAM Construction where awarded Bundle 3 of the schools packages from the Department of Education & **The National Development Finance Agency (NDFA)**. Although the project was a design and build contract certain NDFA specification and performance criteria had to be achieved. **Shamrock Asphalt & The Roof Centre Ltd.** prepared a full Technical submittal for IKO Armourplan Single ply PVC roof membrane mechanically fastened on 150mm rigid insulation and vapour barrier on profiled metal deck fixed to structural steel.

Standards to be Achieved;

- 40 Year life expectancy
- 15 year residual life after the 25 year hand-back
- 20 Year Single Point Warranty
- U-Value of 0.16 W/m²K
- Acoustic Value 23db
- Airtightness 0.5 m³/m/sec
- Colour – Ral 5009 Azure Blue

Project Sector:	Education
Architect:	McGarry Ni Eanaigh
Main Contractor:	BAM
Roof Consultants:	The Roof Centre Ltd.
Roofing Contractor	Shamrock Asphalt Ltd
System:	IKO Armourplan
Size:	3000 m ²

Shamrock Asphalt Ltd

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Specialist Installers of IKO Roofing Systems

