

**Project :** Christies Hospital

**Construction:** New Build

**Main Contractor:** W Carefoot and Son

Having been granted significant funding and planning permission by local council control, Christies Hospital were given the go ahead to construct three new research and treatment wings as part of their rapid expansion program. A significant plot of disused land was to be utilised to construct a specialised Leukaemia treatment ward, a radio pharmacy and PET scanner unit.

The principal architects were Taylor Young Architectural Practice who were set a task of designing and maximising derelict land to house the proposed three new wings. W Carefoot and Son were the successful bidders and were appointed to carry out the proposed work

D.Shawcross was approached via W Carefoot and Son to provide an aesthetically pleasing and cost effective solution to approximately 900 square metres of new build waterproofing to be constructed in three phases.

Single Ply was the preferred method of waterproofing due to its unique simple method of installation and weather resistant qualities.

**Single Ply or Sure-Weld TPO** is an advanced Thermoplastic Polyolefin waterproofing membrane that combines the flexibility of rubber with the durability of heat weldable seals. Laps are simply bonded together via electrically powered hot air guns that weld the membrane together. See Fig 1 below



(Picture courtesy of Icopal Ltd)

What you see above is a simple, clean and quick method of installing a roofing membrane to large scale flat roof project with the minimal of fuss.

Having undergone rigorous, extensive training, Single Ply is an extremely user friendly product to install and is a lightweight product which is welcomed by specifiers and planners alike.

