



**JOB: WATERPROOFING FLAT ROOF**

**Product: Impermax 10 Year System  
Plus Ant-Slip Top Walkway**

**Roof Area: 2000m<sup>2</sup>**

**Substrate: Floating roof system-  
SARNAFIL single Ply system (Roller rubber)**

#### Overview:

An Action for Children Roof was becoming hazardous. With roller rubber roofing joints breaking apart, wearing thin and leaking water. This resulted in a roofing failure causing mass areas of weak spots and leaking water through roof fixings. The roof required waterproof reinforcement & strengthening.

In addition a maintenance walkway was required, meeting all Health & Safety Regulations.

#### Krypton Chemicals

Ashtree House, Ashbrook Lane, Abbots Bromley, Rugeley  
Staffordshire, WS15 3DW

T- **01283 841800/ 805**

E- **[Enquiries@kryptonchemicals.co.uk](mailto:Enquiries@kryptonchemicals.co.uk)**

W- **[www.kryptonchemicals.co.uk](http://www.kryptonchemicals.co.uk)**



#### Solution:

To enhance the life span of the roof Krypton Chemicals UK installed the 10 year waterproofing system. Cutting out installation fire hazards as Impermax is a cold-applied liquid polyurethane resin. Once all fissures, weak spots and up stands were addressed the **seamless** 10 year waterproofing Impermax system was applied. With the 10 year system the roof is guaranteed to perform supported by the BBA & ETA.

To develop a safe roof maintenance route a defined walkway was marked out and a top coat of **pigmented Colodur with anti-slip quartz** was embedded. To reinforce a clearly defined non-slip pedestrian route, meeting all health & safety requirements. While providing additional roof support & weather resistance.

Reducing the future maintenance expenses, requiring minimal maintenance and **avoided re-roofing costs**. The project completion was time efficient and a great success.

#### In Summary:

The Krypton Roofing Strategy achieved:

- **Long-term performance**
- **Seamless coverage**
- **Low maintenance**
- **Cost & Time efficient**
- **10 year Guarantee**