High Performance Waterproofing for Roofs, Cladding, Balconies and Car Parks
IKO is a worldwide enterprise, with more than 3000 employees, and manufacturing plants in Canada, the United States, United Kingdom, Belgium, Holland, France and Slovakia. The company’s operations ship products to 96 countries around the globe.

The IKO Group

Despite tremendous growth, IKO has also remained firmly rooted in its family values of entrepreneurial spirit, craftsmanship and innovation. The company maintains the fierce independence of its founder, and his belief in the importance of controlling the raw materials used in the manufacturing process.

IKO also strives to back the best products in the industry with the best service. The IKO family includes not just the ownership, but the thousands of dedicated employees across its global operations who share the company’s ideals of craftsmanship, attention to detail and world class service for our customers. The commitment of IKO’s employees is the key pillar in the company’s success in today’s competitive marketplace.

The ultimate proof of the company’s commitment to quality and innovation is its own success. From humble beginnings to a modern manufacturer with global reach, IKO has remained committed to the values that were the foundation of the business envisioned by our founder, Isidore Koschitzky. That combination of old-time values, combined with cutting edge technology and innovation, means IKO will continue to Set the Standard both now and in the future.

IKO in the UK

In the UK, the IKO name has become synonymous with delivering dependable waterproofing solutions backed by supreme levels of customer service. And little wonder. This hard earned reputation has been built on a foundation of quality and an ethos of customer service, which permeates through the organisation and remains as strong today as it did 100 years ago.

The rewards speak for themselves. IKO PLC is now well established as the UK market leader in the design, manufacture and installation of roofing and waterproofing systems. With this enviable position comes an unwavering commitment and responsibility to continue investing in new product solutions, new manufacturing facilities and the industry’s largest team of people, all dedicated to achieving excellence at every level.
Polimar is the high performance range of liquid waterproofing systems. Regardless of application, Polimar systems are extremely versatile, completely cold applied and can be specified to match the longevity of your project through a range of build up options.

**Polimar Fast Curing System (FCS)**

The addition of Polimar Fast Curing System (FCS) to the existing Polimar range offers specifiers and installers the benefit of rapid curing and enhanced efficiencies on site. Polimar FCS has been developed to provide a fast curing solution for roofs, car parks, balconies and walkway applications.

**Polimar EC/UV 15 & 20-Year Systems**

Polimar EC/UV liquid applied technology has been specifically developed to deliver exceptional waterproofing for roofs, cladding, balconies and car parks. The system has been awarded accreditation from the British Board of Agrément (BBA no. 11/4842) for a life expectancy of 25 years and also has European Technical Approval certification (ETA - 05/0193).

Polimar is part of IKO’s cold applied portfolio. Cold applied systems meet the demand for systems minimising risks associated with hot works.

### Benefits of Cold Applied Waterproofing Systems

- Rapid, clean, safe and sustainable
- Installation – no hot bitumen/gas bottles on site
- Reduced levels of fumes, CO₂ emissions and noise
- Less health and safety risk
- Reduced insurance premiums

Polimar is just one of a comprehensive range of waterproofing systems from IKO, enabling the specifier or contractor to be guided through the process of selecting the most suitable waterproofing option for each project.
Polimar FCS Roofing System

IKO Polimar FCS Roof Waterproofing is a highly durable system for both refurbishment and new build projects, which offers the additional benefit of rapid curing.

This 2-part, solvent free waterproofing system is specifically designed as a highly durable system for flat roofs. Since it is applied as a liquid, Polimar FCS creates a seamless waterproofing system in which even the most complex roof penetrations can be reliably and durably incorporated. It is also extremely weather-resistant, crack bridging and flexible at low temperatures. IKO Polimar FCS roof waterproofing consists of a primer (if required), a waterproofing layer, a reinforcement fleece, and a hardwearing sealing coat. IKO Polimar FCS sealer coat is available in three standard colours - light grey, medium grey and dark grey.

Its surface can be finished in any BS 4800 or RAL colours on special order.

System Benefits

• Roof Waterproofing System
• 25-year BBA Certified system
• Waterproofing layers cure in 20 minutes
• Seamless waterproofing with fleece reinforcement
• Liquid application ensures seamless incorporation and secure waterproofing of the most complex upstands
• Highly flexible and crack-bridging even at extreme sub-zero temperatures
• Permanently weather-resistant (resistant to high and low temperatures, UV rays, hydrolysis)
• Rot and root resistant (FLL tested and approved)
• Resistant to most commonly used acids and alkali solutions
• Fully bonded to the substrate, therefore no flow paths for water
• Easy and fast application
• Can be applied to almost any substrate
• Low odour option available

Applications

IKO Polimar FCS roof waterproofing system is used for creating a highly durable waterproofing membrane on flat roofs in new build developments and for refurbishment. The system is suitable for residential, commercial and industrial properties - wherever secure waterproofing with a long service life is desired.

Durability

The IKO Polimar FCS Roof Waterproofing System is designed to give up to 25 years protection when installed by an IKO Approved Contractor in accordance with IKO specifications.
Polimar FCS Roofing 20 & 25* Year Wall Upstand (Warm Roof)

1. IKOflash Lead Free Flashing
2. Polimar FCS Detailing. 2 coats wet-on-wet with Polimar FCS Detailing Fleece reinforcement
3. Polimar Preparation Membrane
4. IKOpro Bonding Agent
5. Enertherm ALU Insulation bonded in IKOpro Adhesive for insulation
6. System S-A Vapour Control Layer
7. IKOpro Bridging Tape
8. Additional Polimar FCS Coat for 25 Year guarantee

*For 25 year guarantee, use additional sealer coat

Suitability of the substrate needs to be verified by IKO Technical Services prior to application.

Polimar FCS Roofing
Concrete Deck Wall Upstand (Inverted Roof)

1. IKOflash Lead Free Flashing
2. Polimar FCS Detailing. 2 coats wet-on-wet with Polimar FCS Detailing Fleece reinforcement
3. Minimum 50mm thick paving slabs on proprietary paving supports
4. Enertherm WCL
5. Enertherm XPS
6. Polimar FCS Waterproofing. 2 coats wet-on-wet with Polimar FCS Detailing Fleece reinforcement
7. IKO Separating Fleece
8. Specified Polimar FCS Primer

Suitability of the substrate needs to be verified by IKO Technical Services prior to application.

Polimar FCS Roofing
Concrete Deck Wall Upstand (Inverted Green Roof)

1. IKOflash Lead Free Flashing
2. Polimar FCS Detailing. 2 coats wet-on-wet with Polimar FCS Detailing Fleece reinforcement
3. IKOgreen Extensive Roof System
4. Enertherm WCL
5. Enertherm XPS
6. Polimar FCS Waterproofing. 2 coats wet-on-wet with Polimar FCS Detailing Fleece reinforcement
7. IKO Separating Fleece
8. Specified Polimar FCS Primer

Suitability of the substrate needs to be verified by IKO Technical Services prior to application.
Polimar EC/UV 15 & 20-Year Roofing Systems

The Polimar EC/UV system is available in both 15 and 20 year designed solutions. This premium system is highly flexible in its design and is suitable for all roof types including warm, inverted and full overlay applications. The high performance polyurethane resins are extremely durable and puncture resistant and the manageable pack size of the products are ideal for areas of limited access.

The flat roof is reinforced with the Polimar GRF glass fibre reinforcing fleece (100gsm for the 15 year system and 225gsm for the 20 year system). The reinforcing fleece gives the product strength and stability on a flat substrate.

One to two coats of the Polimar UV stable top coat are applied to complete the roof, depending on design solution. In situations with profiled sheeting or pitched roofing, isolated reinforcing is applied to all panelled joints and abutments, using the Polimar GRF and Polimar BT products (see ancillaries section of this brochure). In addition the Polimar EC/UV system can incorporate a fully integrated slip resistant finish for private balconies and fire escapes.

Polimar EC

A high performance, high build polyurethane embedment coat. It incorporates moisture triggered curing technology that forms the base layer of the Polimar EC/UV system. With excellent fluid properties for ease of application, this provides a cost effective, high solids coat that offers superb adhesion. Polimar EC can be applied to a wide range of substrates and facilitates excellent detailing in complex areas.

Polimar UV

An elastomeric, high build single component polyurethane UV stable top coat which comprises a blend of moisture triggered polyurethane resins. Once applied, the cured membrane forms a seamless durable waterproof barrier which provides excellent thermal and UV stability for all climatic conditions.

System Benefits

- Premium performance
- Excellent durability and puncture resistance
- Highly flexible in its design application
- 20 year wet on wet EC application saves time
- For new construction or refurbishment projects
- Suits most roof types
- Applicable for full overlay installations
- Can be applied to existing sound substrates
- Simplifies complex detailing
- 15 and 20 year designed solutions
- Slip resistant design option.

20-Year Polimar EC/UV Wall Upstand System for Inverted Roofs

1. IKOflash Lead Free Flashing
2. Polimar UV top coat to exposed upstands
3. Minimum 50mm thick paving slabs on proprietary paving supports
4. Enertherm WCL
5. Enertherm XPS
6. IKO Separating Fleece
7. Polimar EC embedment coat. 2 coats wet-on-wet with Polimar GRF reinforcement
8. Polimar GP Primer

Suitability of the substrate needs to be verified by IKO Technical Services prior to application.
20-Year Polimar EC/UV System for Flat Warm Roofs

1. Polimar UV top coat
2. Polimar EC embedment coat. 2 coats wet-on-wet with Polimar GRF reinforcement
3. Polimar Preparation Membrane
4. IKO Enertherm ALU insulation bonded in IKOpro Sprayfast IBA
5. IKOpro Bonding Agent
6. Systems S-A VCL

Suitability of the substrate needs to be verified by IKO Technical Services prior to application.

20-Year Polimar EC/UV System for Flat Cold Roofs

1. Polimar UV top coat
2. Polimar EC embedment coat. 2 coats wet-on-wet with Polimar GRF reinforcement
3. Polimar GP Primer

Suitability of the substrate needs to be verified by IKO Technical Services prior to application.

20-Year Polimar EC/UV System for Pitched Metal Roofs

1. Polimar UV top coat
2. Polimar EC embedment coat
3. Specified primer
4. IKOpro Bridging Tape followed by Polimar GRF fully embedded in Polimar EC embedment coat to all panel joints
5. Polimar UV Top coat
6. Polimar EC embedment coat with Polimar GRF reinforcement to all details

Suitability of the substrate needs to be verified by IKO Technical Services prior to application.
Polimar WG 10-Year Roofing System

Polimar WG is a solvent-based formulation containing a unique blend of flexible acrylic resins and inert pigments which allow low temperature application.

Polimar WG is a multi-purpose system offering excellent waterproofing protection for most roof surfaces and is especially effective in cold and adverse weather conditions.

Polimar WG is suitable for use on mastic asphalt, bituminous felt, cement, concrete and metal surfaces.

System Benefits
- Moisture tolerant
- Low temperature flexibility
- Simple two coat application
- 10 year designed solution.

10-Year Polimar WG System for Pitched Metal Profile Roofs

1. Polimar WG 2nd Coat
2. Polimar WG 1st Coat
3. Specified Primer
4. IKOpro Bridging Tape followed by Polimar GRF fully embedded in Polimar WG to all panel joints
5. Polimar WG with Polimar GRF reinforcement to all details

Suitability of the substrate needs to be verified by IKO Technical Services prior to application.

10-Year Polimar System for Flat Cold Roofs

1. Polimar WG 2nd coat
2. Polimar WG 1st coat with Polimar GRF reinforcement
3. Specified Primer
Polimar Seal 5-Year Roofing System

Polimar Seal has been specifically designed as a single application, emergency waterproofing and repair solution for any roof surface. It can be applied in all weather conditions including rain and temperatures as low as zero degrees centigrade.

Polimar Seal is a single component, solvent based, fibre filled coating comprising a specialist mix of resins, polymers and surface wetting agents.

**System Benefits**
- Excellent wetting characteristics
- High build base coat with superb adhesion
- Can be applied to a wide range of substrates
- Contains excellent detailing properties
- 5-year designed solution.

5-Year Polimar Seal System for Pitched Metal Profile Roofs

1. Polimar Seal
2. Specified Primer

Suitability of the substrate needs to be verified by IKO Technical Services prior to application.

5-Year Polimar Seal System for Flat Roofs

1. Polimar Seal
Polimar Glaze Glass Protection System

Polimar Glaze is a high performance, high build elastomeric polyurethane clear coating designed to offer weatherproofing to glass. Polimar Glaze waterproofs, laminates and protects. It has excellent shatter resistance, outstanding UV stability and excellent adhesion. It does not affect light transmission and the clear coating does not discolour or yellow over time. It is ideal for glass and plastic roof lights or sheeting and the finish is durable with a high resistance against impact, erosion and weathering. This hi-tech system is the perfect solution for the protection of vulnerable areas and is simple and easy to use.

Features and Benefits

• Shatter resistant
• Very hardwearing
• Transparent
• UV stable
• Excellent adhesion to glass and plastic
• Quick and easy.

Polimar Glaze has been independently tested by Pilkington Laboratories to BS 6206. Polimar Glaze can be incorporated into the EC/UV and CRS systems as part of a 20 year designed solution.
Polimar CRS Sheeting & Cladding Refurbishment System

Polimar CRS is a single component refurbishment system for the rejuvenation of external plastic coated metal sheeting and cladding areas. This includes plastisol, one of the most common forms of external cladding used on industrial, commercial and leisure buildings. Polimar CRS is a solvent based, moisture cured flexible polyurethane coating based on a unique blend of aliphatic resins reinforced with colour stable and chemical resistant pigments. It has been developed to provide a tough, durable finish with excellent erosion, weather and UV resistance. Polimar CRS is available as a 10-year solution. When installed by an IKO approved contractor this material will give a design life of 10 years, dramatically reducing external exposure degradation, chalking or deterioration of adhesion. Polimar CRS is available in a range of colours and can be colour matched to existing roof systems. It is also available in a metallic finish, ideal for use on buildings with metal cladding.

System Benefits
- For areas of external cladding
- Durable and highly flexible
- Choice of colours
- One coat application*
- Water vapour permeable
- Complex shapes easily incorporated
- Does not chalk on ageing
- Brush, roller or spray application

*Certain total colour changes may require a second coat. Sample test area should be undertaken to confirm.

10 Year Polimar CRS Metal Profile System for Cladding Refurbishment

1. Polimar CRS coat
2. Polimar Bridging Tape followed by Polimar GRF fully embedded in Polimar UV to all panel joints

Total System Protection
This comprehensive range of high performance IKO Polimar CRS products and ancillaries will enhance and protect the external plastic coated metal sheeting and cladding area of your roof, wall and GRP rooflights.

1. IKO Polimar CRS for enhanced protection and aesthetics
Refurbish, rejuvenate and protect (enhance the aesthetics of your building and protect by re-waterproofing your roof).

2. IKO Polimar EC / UV for effective repairs
Many old steel roofs suffer badly from weather corrosion, which usually begins at the end laps where edges can peel. Polimar EC/UV can be used in conjunction with IKO Polimar CRS as a cost effective and reliable solution to treat end-lap and overlap corrosion problems.
IKO Polimar FCS Balcony and Walkway System is a fast curing, highly durable and flexible, slip resistant waterproofing coating for both refurbishment and new build projects.

The system is a high performance coating with fast curing properties reducing the installation time to hours rather than days, ideal when working in areas with regular foot traffic. Once applied IKO Polimar FCS is waterproof, UV resistant, seamless, and resistant to dilute acids and alkalis, oil, petrol and diesel.

IKO Polimar FCS is a 2-pack system based on high performance resin. The system consists of a primer, a 3mm self-levelling wear course with a hard wearing slip resistant aggregate, and a sealing top coat.

All detailing and penetrations are required to be waterproofed using IKO Polimar FCS. Detailing fully reinforced with IKO Polimar FCS Detailing Fleece.

The IKO Polimar FCS Sealer Coat is available in three standard colours which are light grey, medium grey and dark grey. Other BS 4800 or RAL colours are available on special order.

Applications
IKO Polimar FCS is designed for a wide range of applications including:
- Balconies & walkways
- Pedestrian ramps
- Stairs
- Driveways
- Railway platforms
- Cycle paths.

Durability
The IKO Polimar FCS liquid applied system is designed to give up to 20 years protection when applied by an IKO Approved Polimar FCS Contractor in accordance with IKO specifications.

System Benefits
- Rapid curing times, same day return to full service
- Excellent chemical resistance
- Slip-resistant technology
- Self levelling for ease of application
- Hygienic and easily cleaned
- Year round application possible
- Excellent waterproofing performance
- Additional surface coat in any RAL colour available
- 25-year BBA Certified System (fully reinforced)
- 20 minute cure time per coat.

High Performance Waterproofing for Roofs, Cladding, Balconies and Car Parks

Technical hotline: 01257 256864
Asphalt on Concrete Deck - 15-Year System

1. IKOflash Lead Free Flashing
2. Polimar FCS Detailing 2 coats wet-on-wet with Polimar FCS Detailing Fleece reinforcement
3. Polimar FCS Sealer Coat
4. Polimar FCS Wear Course with broadcast Polimar Quartz Sand
5. Specified Polimar FCS Primer

Timber Deck - 20-Year System

1. IKOflash Lead Free Flashing
2. Polimar FCS Detailing 2 coats wet-on-wet with Polimar FCS Detailing Fleece reinforcement
3. Polimar FCS Sealer Coat
4. Polimar FCS Wear Course with broadcast Polimar Quartz Sand
5. Polimar FCS Waterproofing 2 coats wet-on-wet with Polimar FCS Fleece reinforcement
6. Specified Polimar FCS Primer
7. IKOpro Bridging Tape

Steps/Stairs

1. Protective Stair Nosing
2. Polimar FCS Detailing 2 coats wet-on-wet with Polimar FCS Detailing Fleece reinforcement. Finished with Polimar Sealer Coat and Deco Chip Finish
3. Polimar FCS Sealer Coat
4. Polimar FCS Wear Course with broadcast Polimar Quartz Sand to treads
5. Polimar FCS Waterproofing 2 coats wet-on-wet with Polimar FCS Fleece reinforcement
6. Specified Polimar FCS Primer
IKO Polimar FCS Car Park Waterproofing System is a fast curing, highly durable and flexible, slip resistant waterproofing coating capable of withstanding mechanical stresses.

This innovative system is a seamless, minor crack-bridging and joint bridging waterproofing system that is able to withstand typical mechanical stresses. It contains a highly flexible and fleece-reinforced waterproofing layer as well as abrasion-resistant system layers for vehicle and foot traffic.

The waterproofing system's liquid application and high bonding strength on almost any substrate also allow breakthroughs and upstands to be integrated securely and seamlessly. These properties make the system a cost-effective solution for car parks, especially for refurbishment projects.

IKO Polimar FCS Car Park Waterproofing System consists of a primer, a waterproofing layer, a reinforcement fleece, a 3mm self levelling wear course with a hard wearing slip resistant aggregate, a sealing coat and a heavy-duty abrasion-resistant and skid resistant wearing layer suitable for vehicle traffic.

IKO Polimar FCS Sealer Coat is available in three standard colours which are light grey, medium grey and dark grey. Its surface can be finished in any BS 4800 or RAL colours on special order.

Applications

The fleece-reinforced waterproofing layer of the IKO Polimar FCS car park makes the system particularly suitable for all areas that include joints or that are highly susceptible to cracking. The heavy duty wearing layer, the modifiable skid or slip characteristics and the extensive surface design options, provide the necessary flexibility to meet the individual requirements of the car park.

Durability

The IKO Polimar FCS Car Park Waterproofing System is designed to give up to 10 years protection when installed by an IKO Approved FCS Contractor in accordance with IKO specifications.

- Fast curing system, 20 to 30 minutes between layers and trafficable after 45 minutes
- Solvent Free
- Optional operative friendly low odour system.

System Benefits

- Seamless waterproofing layer with fleece reinforcement
- Heavy-duty wearing layer for vehicle and foot traffic
- Fully bonded to the substrate, therefore no flow paths for water
- Can be applied to almost any substrate
- Liquid application ensures seamless incorporation and secure waterproofing of the most complex upstands
- Permanently flexible and crack-bridging even at extreme sub-zero temperatures
- Permanently weather-resistant (resistant to high and low temperatures, UV rays, hydrolysis)
- Resistant to most commonly used acids and alkali solutions
- Unlimited design options (colour finish, tiled look, road markings etc.)
- Easy and fast application. All layers cure in 20 minutes
- Can also be applied at sub-zero temperatures
Intermediate Concrete Deck

1. Polimar FCS Sealer Coat
2. Specified Polimar FCS Primer with broadcast Polimar Quartz Sand

Suitability of the substrate needs to be verified by IKO Technical Services prior to application.

Concrete Deck - Wall Upstand

1. IKOflash Lead Free Flashing
2. Polimar FCS Detailing 2 coats wet-on-wet with Polimar FCS Detailing Fleece reinforcement
3. Polimar FCS Surfacing
4. Polimar FCS Wear Course
5. Polimar FCS Waterproofing 2 coats wet-on-wet with Polimar FCS Fleece reinforcement
6. Polimar FCS Primer

Suitability of the substrate needs to be verified by IKO Technical Services prior to application.

External Concrete Deck Ramp

1. Polimar FCS Heavy Duty Surfacing
2. Polimar FCS Wear Course
3. Polimar FCS Waterproofing 2 coats wet-on-wet with Polimar FCS Fleece reinforcement
4. Specified Polimar FCS Primer

Suitability of the substrate needs to be verified by IKO Technical Services prior to application.
**Coverage Rates**

### Flat Roof Systems

<table>
<thead>
<tr>
<th>5 Year System Polimar Seal</th>
<th>10 Year System Polimar WG</th>
<th>15 Year System Polimar EC/UV</th>
<th>20 Year System Polimar EC/UV</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primer</strong></td>
<td><strong>Typical smooth substrate</strong></td>
<td><strong>Typical rough substrate</strong></td>
<td><strong>Typical smooth substrate</strong></td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>GP Primer</td>
</tr>
<tr>
<td>N/A</td>
<td>Polimar WG</td>
<td>0.7 l/m²</td>
<td>1.0 l/m²</td>
</tr>
<tr>
<td>Polimar GRF100</td>
<td>Polimar GRF100</td>
<td>Polimar EC</td>
<td>Polimar GRF225</td>
</tr>
<tr>
<td>Polimar Seal</td>
<td>Polimar WG</td>
<td>0.5 l/m²</td>
<td>0.5 l/m²</td>
</tr>
<tr>
<td>1.0kg/m²</td>
<td>0.5 l/m²</td>
<td>Polimar UV</td>
<td>0.5 l/m²</td>
</tr>
</tbody>
</table>

*Polimar Seal can be applied to a rough substrate at a coverage rate of 1.4kg/m², however time must be taken to ensure the material is pushed into the surface irregularities and cracks. The best way of achieving this is to 'stipple' the material using a brush.

**Notes:**
- **Primer** - Primers are not normally required but metal, porous surfaces and other specific substrates may require priming. Adhesion tests may be required on certain surfaces. Polimar GP Primer is recommended on rough substrates when using the Polimar EC/UV system. Polimar GP Primer is not compatible with Polimar Seal or Polimar WG systems.
- **Embedment** - The coverage rate quoted are **typical** values for the type of surface indicated – more material will be required where the surface condition of the substrate is variable – FULL EMBEDMENT OF THE GLASS REINFORCEMENT MUST BE ACHIEVED IN ALL CASES.
- **Reinforcement** - All flat roofs must be fully reinforced with Polimar GRF100 or GRF225 depending on the system specified. Additional localised reinforcement using Polimar KRM, Polimar Seal Reinforcing Fleece and Polimar BT Bridging Tape will be required over joints and other areas where movement may be expected. **Top coats** - The coverage rates quoted are the **minimum** required for each system.

### Pitched Roof Systems

<table>
<thead>
<tr>
<th>5 Year System Polimar Seal</th>
<th>10 Year System Polimar WG</th>
<th>15 Year System Polimar EC/UV</th>
<th>20 Year System Polimar EC/UV</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primer</strong></td>
<td><strong>Polimar MC</strong></td>
<td><strong>Polimar MC</strong></td>
<td><strong>Polimar MC</strong></td>
</tr>
<tr>
<td>(metal surfaces)</td>
<td>0.11 l/m²</td>
<td>0.11 l/m²</td>
<td>0.11 l/m²</td>
</tr>
<tr>
<td><strong>Embedment</strong></td>
<td>N/A</td>
<td>Polimar WG</td>
<td>Polimar GRF</td>
</tr>
<tr>
<td>Polimar GRF (localised)</td>
<td>0.5 l/m²</td>
<td>Polimar EC</td>
<td>Polimar GRF (localised)</td>
</tr>
<tr>
<td>Polimar KRM (localised)</td>
<td>Polimar GRF (localised)</td>
<td>Polimar GRF (localised)</td>
<td></td>
</tr>
<tr>
<td>Top coat (1)</td>
<td>Polimar Seal</td>
<td>0.7kg/m²</td>
<td>Polimar UV</td>
</tr>
<tr>
<td>Polimar WG</td>
<td>0.5 l/m²</td>
<td>Polimar UV</td>
<td>0.5 l/m²</td>
</tr>
<tr>
<td>0.5 l/m²</td>
<td>0.5 l/m²</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
- **Primer** - Primers are not normally required but metal, porous surfaces and other specific substrates may require priming. Adhesion tests may be required on certain surfaces. Polimar GP Primer is recommended on rough substrates when using the Polimar EC/UV system. Polimar GP Primer is not compatible with Polimar Seal or Polimar WG systems.
- **Base Coats** - The coverage rates quoted are **typical** values for a smooth substrate – more material will be required where localised reinforcement is required or the surface condition of the substrate is rough or variable – FULL EMBEDMENT OF LOCALISED REINFORCEMENT MUST BE ACHIEVED IN ALL CASES.
- **Reinforcement** - All pitched roofs, joints, boltheads etc must be locally reinforced with Polimar KRM and Bridging Tape. **Top coats** - The coverage rates quoted are the **minimum** required for each system.

### Sheeting & Cladding Systems

<table>
<thead>
<tr>
<th>10 Year System Polimar CRS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primer</strong></td>
</tr>
<tr>
<td><strong>Coating</strong></td>
</tr>
</tbody>
</table>

**Notes:**
- **Primer** - Primers are not normally required on sound plastisol surfaces. Exposed metal must be suitably prepared and primed with Polimar AP.
- **Coating** - One coat of Polimar CRS is normally sufficient, but certain total colour changes may require a second coat.

The coverage rates quoted are **minimum** values.
**Polimar FCS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Consumption Rate (dependent on surface roughness)</th>
<th>m² per unit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primers</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCS Primer</td>
<td>0.5kg per m²</td>
<td>20m²</td>
</tr>
<tr>
<td>FCS Wet Surface Primer - resin</td>
<td>(Smooth) 0.5 - 0.7 kg/m²</td>
<td></td>
</tr>
<tr>
<td>FCS Wet Surface Primer - filler</td>
<td>(Fine-sandy) 0.5 - 1.2kg/m²</td>
<td></td>
</tr>
<tr>
<td>FCS Low Odour Waterproofing - light grey</td>
<td>(Smooth) 2.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Waterproofing - dark grey</td>
<td>(Smooth) 2.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Detailing</td>
<td>2.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Sealer Coat - light grey</td>
<td>0.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Sealer Coat - mid grey</td>
<td>0.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Sealer Coat - dark grey</td>
<td>0.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Sealer Coat - (bespoke colour)</td>
<td>0.5kg per m²</td>
<td></td>
</tr>
<tr>
<td><strong>Liquid Coatings</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCS Low Odour Waterproofing - resin</td>
<td>(Smooth) 2.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Low Odour Waterproofing - filler</td>
<td>(Fine-grained substrate) 3.0kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Low Odour Waterproofing - filler</td>
<td>(Rough substrate) 3.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Waterproofing - dark grey</td>
<td>(Smooth) 2.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Waterproofing - dark grey</td>
<td>(Rough substrate) 3.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Detailing</td>
<td>2.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Sealer Coat - light grey</td>
<td>0.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Sealer Coat - mid grey</td>
<td>0.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Sealer Coat - dark grey</td>
<td>0.5kg per m²</td>
<td></td>
</tr>
<tr>
<td>FCS Sealer Coat - (bespoke colour)</td>
<td>0.5kg per m²</td>
<td></td>
</tr>
<tr>
<td><strong>Accessories</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FCS Wearing Course - powder 23kg and resin 10kg</td>
<td>4.8kg per m²</td>
<td>8.3m²</td>
</tr>
<tr>
<td>FCS Wearing Course - resin 10kg</td>
<td>4.8kg per m²</td>
<td>8.3m²</td>
</tr>
<tr>
<td>FCS Surfacing</td>
<td>2.2kg per m²</td>
<td>6.8m²</td>
</tr>
<tr>
<td>FCS Heavy Duty Surfacing</td>
<td>3.5kg per m²</td>
<td>4.2m²</td>
</tr>
<tr>
<td>FCS Leveling Mortar - (resin)</td>
<td>variable</td>
<td>variable</td>
</tr>
<tr>
<td>FCS Leveling Mortar - (activated filler mix)</td>
<td>variable</td>
<td>variable</td>
</tr>
<tr>
<td>FCS Filler</td>
<td>variable</td>
<td>variable</td>
</tr>
<tr>
<td>FCS Reinforced Filler</td>
<td>variable</td>
<td>variable</td>
</tr>
<tr>
<td>FCS Catalyst</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>FCS Fleece 100gsm</td>
<td>/</td>
<td>X</td>
</tr>
<tr>
<td>FCS Detail Fleece 100gsm</td>
<td>/</td>
<td>X</td>
</tr>
<tr>
<td>FCS Mixing Bucket</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>FCS Cleaning Bucket</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>FCS Acetone Cleaner</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>FCS Deco Chips</td>
<td>0.05kg per m²</td>
<td>X</td>
</tr>
<tr>
<td>Polimar Aggregate</td>
<td>2kg per m²</td>
<td>X</td>
</tr>
<tr>
<td>Polimar Acetone Cleaner</td>
<td>/</td>
<td>/</td>
</tr>
<tr>
<td>FCS Deco Chips colour</td>
<td>available in white, grey and black</td>
<td></td>
</tr>
</tbody>
</table>

(1) FCS Leveling Mortar: 2 components, 10Kg pack (Resin + Filler Mix). The packaged resin is included inside the activated filler mix bucket.
(2) FCS Deco Chips colour: available in white, grey and black.
Ancillaries

Polimar EC/UV System:

**Polimar MC Primer** is a high performance anticorrosive epoxy coating designed for use as a versatile universal primer on a wide range of metal surfaces. This product is supplied as two components which are mixed together. Use MC Base with MC Activator or MC Base with MC Activator.

**Polimar GP Primer** is a high performance, low viscosity primer designed for use as a multipurpose sealing and priming system for porous mastic asphalt and cementitious roof substrates prior to the application of Polimar EC/UV liquid roofing systems.

**Polimar GRF** is a high performance glass fibre-reinforcing fleece that is embedded within the Polimar base coat for total reinforcement of all types of flat roofs – available in two weights, depending on performance and guarantee requirements.

**IKOpro Bridging Tape** for joints and gaps, in conjunction with Polimar KRM or Polimar Seal Reinforcement Fleece.

Warm Roof Components:

**Polimar Preparation Membrane** is used as a preparation membrane prior to the application of the Polimar system. It comprises of a self-adhesive SBS modified glass reinforced base.

**Systems S-A VCL** is a self-adhesive vapour control layer, composed of an aluminium core, with a tough, polyester base and coated with self-adhesive SBS modified bitumen.

**IKOpro Systems Bonding Agent** is a specially formulated primer that activates the adhesive coating of the Polimar Preparation Membrane and Systems SA VCL to promote a strong bond even at low temperatures. Systems Bonding Agent is packaged in containers holding nominally 12.5kg (approx.15L) of product.

**IKO Enertherm Insulation Boards** is the latest generation of rigid foam PIR insulation panels with the highest thermal performance per m².

Polimar CRS Sheeting & Cladding Refurbishment System:

**Polimar AP** is a high performance solvent based anti-corrosive polyurethane primer for priming exposed metal surfaces prior to applying Polimar CRS to refurbish plastic coated metal cladding.

**Polimar PT** is a solvent thinner, used to dilute Polimar CRS to enable it to be applied using airless spray equipment.

Polimar FCS Systems for Roofs, Car Parks and Balcony & Walkways

**Polimar FCS Fleece** - embedded into the first coat of IKO Polimar FCS Waterproofing to offer total reinforcement when using the IKO Polimar FCS system.

**Polimar FCS Detailing Fleece** - reinforcement for all details.

**Polimar FCS Catalyst** - a universal catalyst for all FCS resin products.

**Polimar FCS Cleaner** - acetone cleaner for cleaning tools and mixing equipment.

**Polimar FCS Filler** - for filling and levelling small indentations in the substrate.

**Polimar FCS Reinforcing Filler** - for reinforcing to intricate penetrations.

**Polimar FCS Levelling Mortar** - a fast-reactive repair and levelling mortar used for filling and smoothing over faults and cavities in the substrate.

**Polimar FCS Surfacing** - for flat and heavy duty car park areas.

**Polimar FCS Heavy Duty Surfacing** - for ramps and HGV service decks (additional to the above for Polimar FCS Car Park System).

*additional for Polimar FCS Car Park System
**additional for Polimar FCS Car Park System

Accessories:

A range of rooflights, handrails, roof demarcation systems and GRP trims are also available.
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