

OTHER SERVICES

- Consultancy and design of new road or car park projects
- Manufacturing of mild steel or plastic templates for numbers and symbols
- Installation of temporary and permanent Raised Pavement Markers
- Surface marking and anti-skid treatment to work floors
- Car parks and hand work
- Line removal (grinding or emulsion)
- Referencing prior to the removal of road marking
- Pick up road marking defects
- Spotting and barrier assessments
- Traffic Management



1 Cold Applied Plastic (sprayed). 2 Anti-skid treatment. 3 Raised pavement markers. 4 Raised pavement markers. 5 Cold Applied Plastic (roll on). 6 Thermo-plastic. 7 Thermo-plastic. 8 Oil-based paint.



INTERSECTIONAL LINEMARKERS

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Marking The Way

Intersectional Linemarkers (ILM) is a leader in the fields of sophisticated road marking systems and offers a wide range of complete solutions to meet our clients' needs. ILM is a West Australian owned and based company, with a successful track record on both large and small jobs all over Western Australia. ILM is a preferred contractor to Main Roads WA who work to improve driving conditions for road users.

ILM focuses on the design and installation of various types of road markings, which provide a safer environment for motorists, cyclists and pedestrians. Road markings give vital instructions to motorists, and need to be both highly visible day and night as well as highly durable.

LONGITUDINAL ROAD MARKING

These are high performance water-based road paints that are environmentally-friendly. Their advantages are that they have excellent coverage and dry almost immediately, are economical and ready to use, non-toxic and present no danger to the people who apply them or to the environment.

They do not put restrictions on storage, and the risks inherent to the transport of hazardous

WATER-BORNE PAINT:

This is a single component and no products are added to create a chemical reaction.

They are also non-toxic and non flammable.

Beads can be added to achieve high reflectivity.

materials are eliminated. Water-based paints are made of an acrylic resin emulsion and reduce the emission of VOCs (volatile organic compounds) into the atmosphere by 85%.

TRANSVERSE ROAD MARKING

ILM can use either of two technologies, cold applied paints (degadur) or hot melt thermoplastic road markings, as appropriate for the site.

1 HOT-APPLIED THERMOPLASTIC

Hot-applied thermoplastic is used for road markings, on asphalt and bituminous surfaces and has a high certified lifetime of up to 48 months or one million (1,000,000) wheel rollovers.

Its main characteristics are roughness which makes it anti-skid (high SRT coefficient), high resistance to atmospheric agents and good retro reflection, through the incorporation of specially treated glass beads.

Hot-applied thermoplastic is heated to around 200°C but can set in a few minutes, which means it does not interfere with traffic, particularly in built-up areas.

These hot applied road markings hold up best to the high traffic and weather conditions, providing a long lasting solution.

The product exists in several types depending on the application method:

• SCREED

Via a hot melt machine, molten material is fed into screed boots which can be adjusted to the required line thickness and width. Managing the flow of the material also affects the thickness.



THERMOPLASTIC: These have excellent resistance to wear and good anti-skid properties. Ready-to-use, they are highly regarded for both urban and highway markings.

• EXTRUDED

The product is forced through a chamber by an extrusion screw and onto the road in a well-defined thermoplastic line.

• SPRAY

The product is sprayed onto the roadway, in the form of fine droplets, using air-assisted or airless technology (which results in better definition of the stripe, more secure bonding to the roadway and high-speed applications). This product is not used in Western Australia due to MRWA specifications.

• PREFORM

ILM manufacture Preform Thermo-plastics to client requirements. These are hand-cut, or for more complex patterns and shapes, they are cut using our computerised router.

2 COLD APPLIED PLASTICS

These can provide a road marking life of up to 5 years in high traffic areas.

Cold applied plastics with glass beads offer good reflectivity and day and night visibility. They can be applied speedily and cure quickly. Their quality has been tested on both domestic and international roads as a reliable and cost-

effective road marking technology. The product is used on roads and dual use paths as a high skid resistance pavement marking and is excellent for use on concrete floors. It can be applied by spraying or rolling.



COLD-APPLIED PLASTICS: Anti-skid is a two coat, cold applied plastic with fused alumina aggregate to provide skid resistance. These cold-applied plastics catalyse when organic peroxide is added. Drying is exothermic and takes about twenty minutes.

3 STENCILS AND SIGNS.

With the use of the CNC router, ILM can program and cut wood, plastic or metal stencils and signs to any shape or design.