

A worker in a white protective suit and mask is shown in profile, spraying a blue surface with a spray gun. The worker is wearing a white helmet and mask, and is holding a spray gun connected to a hose. The background is a plain white wall. The floor is a bright blue color, and the worker is standing on it. The overall scene is brightly lit, with a strong blue tint to the lower half of the image.

# *DuraPearl* Polyurea Elastomer Spray System

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Tougher, longer-lasting protection

The Future Is Polyurethane

# State-of-the-art polyurea elastomer spray solution

## Wide range of industrial uses

Offering many advantages over traditional alternatives such as conventional membranes, epoxy and standard polyurethane systems.

Whether utilised as a formulator, coating producer, or an applicator, with DuraPearl you can create spray systems with:

- Low emissions and low VOC – making the system a more sustainable alternative
- Fast cure capability depending on your specific needs
- Resilience to variable ambient outside temperature changes post application
- Total coverage with first application, reducing the need for multiple coats
- Unrivalled durability even in high temperatures up to 105 degrees celcius
- Excellent additive compatibility acceptance for adding pigments, fillers, etc.
- Stable reactivity profile - no catalysts required

## DuraPearl - Polyurea Elastomer Spray System

Any shape, any surface, any place



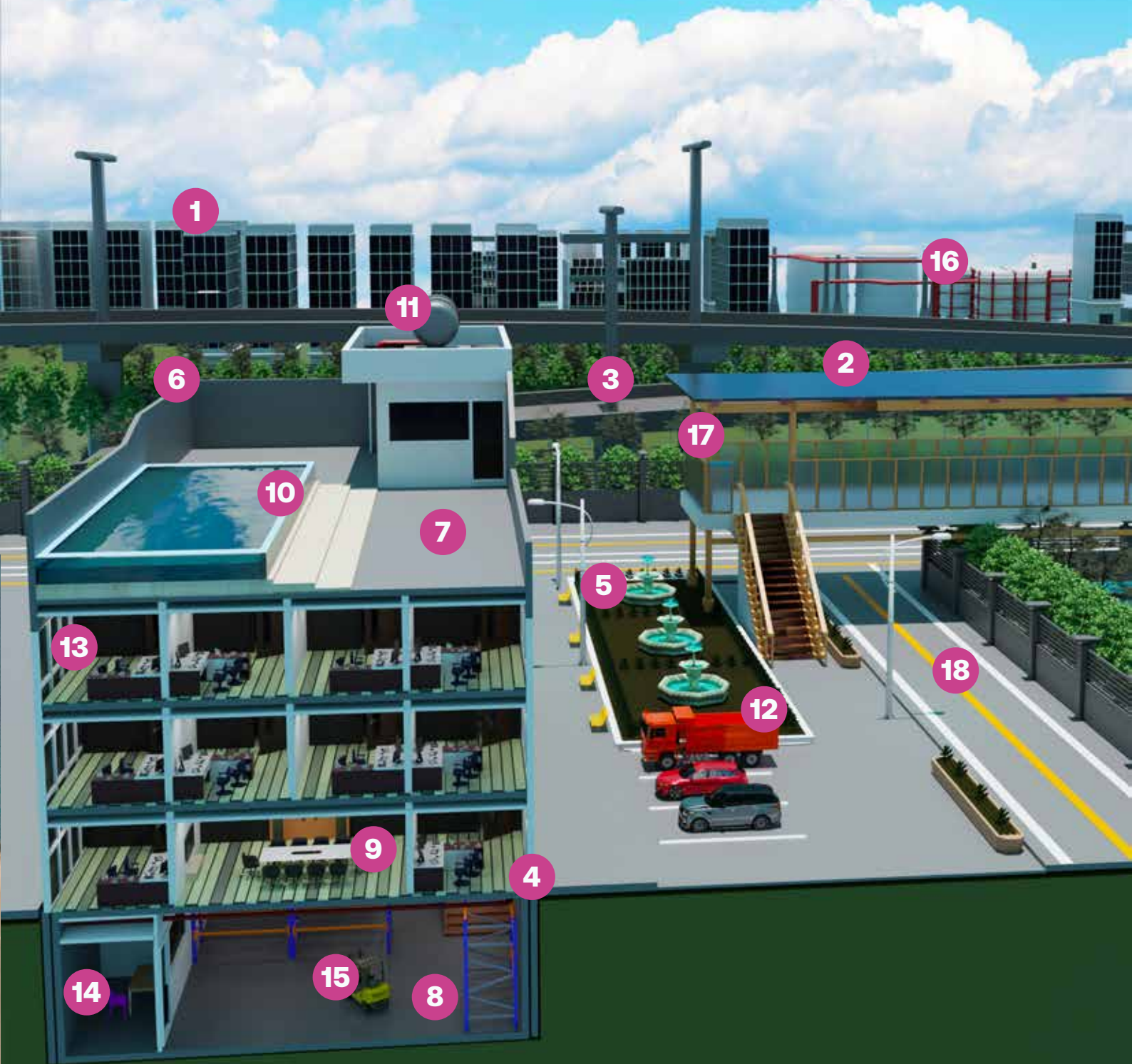
Spray-applied





# Wide range of applications customised to your needs

- 1 Waterproofing
- 2 Roofs and surface coverings
- 3 Pipeline coatings
- 4 Joint and seam sealants
- 5 Fountains and pools
- 6 Concrete coatings
- 7 Floor coatings
- 8 Forklift ramps
- 9 Wood coatings
- 10 Anti-slip coverings
- 11 Tank linings
- 12 Truck bed liners
- 13 Corrosion protection
- 14 Wear protection applications
- 15 Pallet protection systems
- 16 Oil and Gas infrastructure
- 17 Bridge protection
- 18 Municipality and roading infrastructure





## Easy to apply

### Suitable for small, medium to large scale projects

Our team will customise a DuraPearl polyurea spray solution to meet your specific needs and can deliver any grade depending on your project.

- Rapid curing saves time & back to usability within hours of spraying
- Enables convenient vertical and overhead non-drip application
- Suitable for handheld and portable spray equipment for smaller projects



## Quick to cure - saving time and money

Up to 6 times faster curing compared to epoxy alternatives, meaning your applicator team can handle more projects and your clients can get back to work faster.



## Versatile

### Unrivalled physical properties

- Suitable for coating on diverse substances
- Excellent physical properties
- High tensile strength
- Unrivalled tear strength
- Excellent adhesion to substrates
- Compatible with concrete, asphalt, wood, steel and EPS



## Resistant to chemical damage

Reduced risk of marking or unsightly damage



## Longer lasting

Continuous coverage & optimal durability



## Sustainability

- Low emissions
- Low VOC
- 100% solid content





# Benefits

## Make the switch to DuraPearl Polyurea Spray Elastomer

Properties	Epoxy	Polyurethane	Polyurea
Impact	Average	Good	Excellent
Elongation	Tend to be brittle	Good	Excellent
Temperature resistance	- 20° C to 110° C	- 30° C to 120° C	- 50° C to 150° C
Abrasion	Average	Good	Excellent
Tensile strength	Average	Good	Excellent
Cure time	Average	Good	Excellent
Flexibility	Average	Good	Excellent
Chemical resistance	Average	Good	Excellent
VOC free	No	No	Yes
Solid content	50~100%	50~100%	100%
Weatherability	Average	Excellent	Very Good

### Product Name

# DuraPearl

### Other product information



Produced according to ISO 9001 and ISO 14001 standards  
Pearl Polyurethane Systems is an ISCC certified company





# About us

Pearl Polyurethane Systems is an award-winning polyurethane solutions innovator and proudly the leading system house in the Middle East and Africa, servicing a wide range of clients globally.

Pearl Polyurethane Systems provides sustainable and durable polyurethane-based solutions for a broad range of clients both regionally and globally from our headquarters in Dubai, United Arab Emirates.



**Your award-winning polyurethane solutions partner**

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