



OIL STORAGE MAINTENANCE AND COMPLIANCE

ReBund®

Environmentally-friendly,
cost-effective, modular
bund/secondary containment system



ReBund® is primarily built from nonporous, durable, 100% post-industrial plastic waste which would otherwise go to landfill

Regulations state that above-ground oil storage tanks must have secondary containment. Site operators have a duty of care to prevent hydrocarbon leaks from equipment such as transformers and fuel storage tanks, as well as other contaminants such as chemicals, fertiliser and milk, from entering the ground and polluting the environment.

ReBund® offers a flexible, robust, cost-effective, environmentally-friendly and easy-to-install solution.



Customers can enjoy additional peace of mind with a ReBund® 20-year Warranty at no extra cost. Terms apply.*

Designed for easy transportation and quick on-site assembly

Installation is easy with no requirement for major plant equipment and no need to suspend core site operations during installation.

ReBund® is a modular system designed for easy transportation and can be quickly assembled on site by a team of two people with minimal ground disturbance.

Wall section panels and posts are installed like standard garden fencing and key base slabs are mounted on beams onto a prepared surface like laying flagstones. All internal surfaces are sealed with Andel quick-drying Cold Fusion Liquid Membrane for guaranteed 100% liquid retention.

ReBund® can be supplied in two options

- ReBund® panel and post wall sections sealed to a suitable existing or new concrete base.
- Panel and post wall sections sealed to Andel's unique key base slab units.

Both options are sealed with Andel cold fusion liquid membrane system for guaranteed 100% liquid retention.

*Subject to the product being used and maintained in accordance with Andel's recommendations and user guidelines. Please ask for details.

Reduce your environmental impact

ReBund® panels, posts and base slabs are primarily made from 100% post-industrial recycled plastic waste.

ReBund® turns the longevity of plastic, usually a serious environmental problem, into an environmentally-friendly, cost-effective and robust pollution-prevention solution.

ReBund® not only reduces the amount of plastic sent to landfill, it also reduces your carbon footprint compared to a traditional all-concrete bund construction.

Carbon footprint comparison for the manufacture and installation of a typical 30m² bund:

Concrete = 7,380kg CO₂e

ReBund® = 1,432kg CO₂e

Carbon saving with ReBund® = 5,948kg CO₂e

Robust installation

ReBund® recycled content consists of LDPE, HDPE, PP and other plastics, providing resistance to weather, UV, chemicals, temperature, impact and moisture.

Panels and posts are fitted with steel-pipe reinforced rods for added strength.

Posts fit into a steel base plate which is bolted deep into a concrete foundation with chemical M16 stainless-steel anchors that bond with the concrete to provide the highest level of structural strength.



For more information:

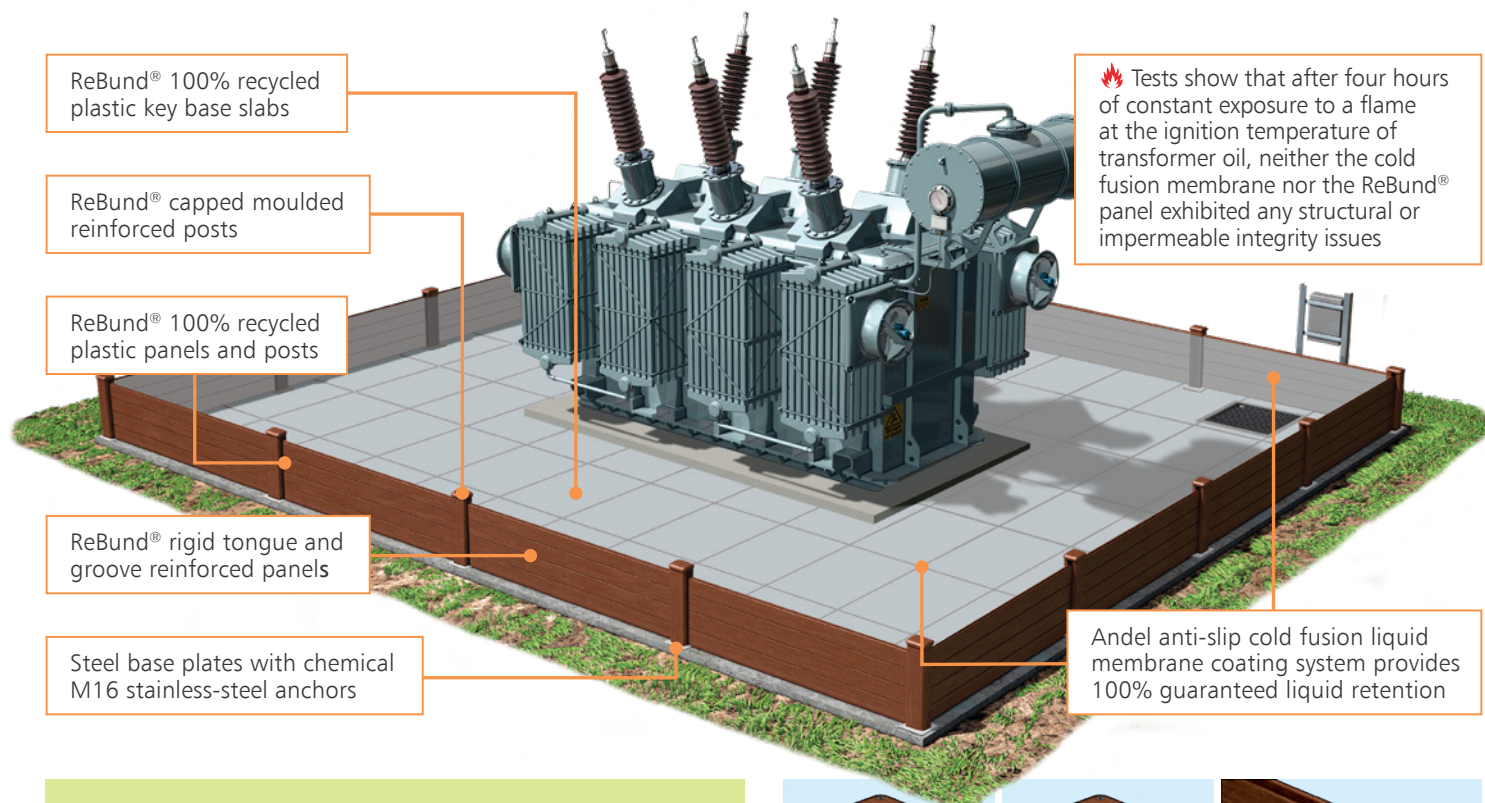
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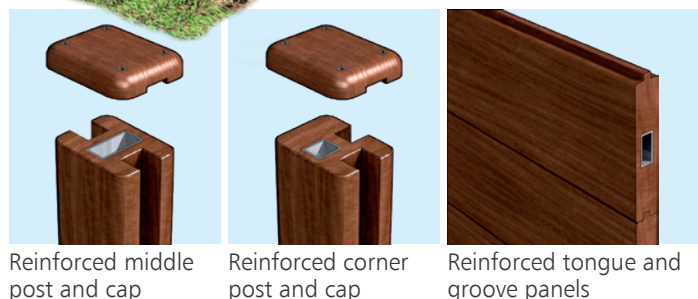


**Making water sustainable for
a cleaner and safer environment.**



Benefits at a glance:

- Modular design makes it easy to transport and quick to install
- No need for major plant equipment, can be quickly assembled on site by a team of two
- 20-year warranty at no extra cost
- Minimal ground penetration
- Ideal for new build and retrofit
- Low material and maintenance cost compared to traditional, all-concrete bund
- Lower labour costs – faster installation than traditional methods
- Reduced carbon footprint compared to all-concrete construction
- Made from nonporous, durable, 100% post-industrial recycled plastic waste with steel-pipe reinforced posts and panels for added strength
- Reduces the amount of plastic sent to landfill
- Can be installed on most surfaces
- Can be adapted to most shapes and sizes with shape flexibility saving space that could otherwise be wasted
- Installation sealed with Andel's quick drying Cold Fusion Liquid Membrane for 100% guaranteed liquid retention
- Suitable for containing hydrocarbons as well a range of other pollutants
- Provides four hours fire resistance in tests



Andel Cold Fusion Liquid Membrane

Andel's fast-cure, waterproof, liquid membrane coating system is applied to the inside of the bund. Using a primer layer, a membrane with fleece layer and a topcoat, the system provides high resistance to the elements. Topcoats can be tailored to resist a range of contaminants. Andel Cold Fusion Liquid Membrane system provides 100% guaranteed liquid retention.

A flexible solution

ReBund® can be installed on most surfaces from soft ground to asphalt to concrete. The modular nature of the system means it can be adapted to fit around irregular shapes potentially freeing up space otherwise wasted.

SPECIFICATIONS

TONGUE AND GROOVE PANELS: 1.2m width x 20cm height. Wall height can be built up in increments of 20cm.

End panels can be cut to fit any containment area dimensions.

POSTS: Supplied cut to the required height, supplied with caps.

KEY BASE SLABS: 205cm x 105cm and can be cut to fit.

CONSTRUCTION: Panels, posts, caps and key base slabs 100% recycled plastic (panels and posts fitted with reinforced steel pipes).

ANDEL LIQUID MEMBRANE: Specifications provided on request.

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