WATERPROOFING

1. ACRYLICS

a. Acrylic rubber
b. Acrylic fiberglass

2. POLYURETHANE MEMBRANES

a. Water-based Polyurethane membrane
b. Eco-term Polyurethane membrane
c. Polyurethane membrane solvent

3. POLYURETHANE WATERPROOFING VARNISHES

a. Water-basedf Polyurethane Varnish
b. Solvent Polyurethane Varnish

4. CONSOLIDANTS AND PRINTS

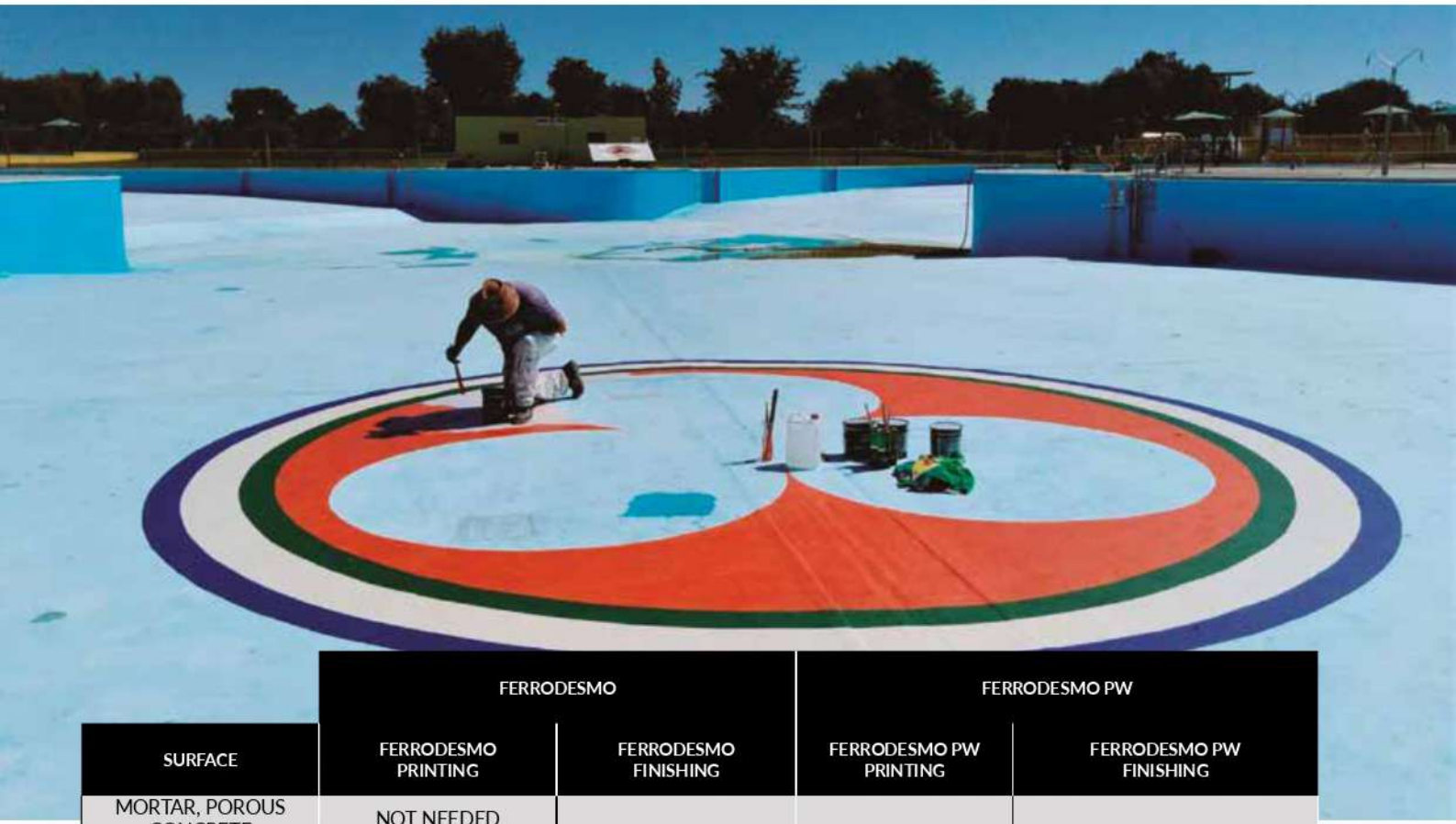
a. Ultra-stick primer the water
b. Waterproofing consolidant

5. WATER REPELLENT

a. Superhydrophobic
b. Hydrophobic

FERRODESMO AND FERRODESMO PW SYSTEM

- NO PRIMER
- NO ARMOUR
- 400% ELASTICITY
- ROLLER AND AIRLESS APPLICATION
- RESISTANCE TO CHEMICALS, WATER, MICROORGANISMS AND ABRASION
- ROLLER AND AIRLESS APPLICATION
- CHEMICAL, WATER, MICROORGANISM AND ABRASION RESISTANCE



	FERRODESMO		FERRODESMO PW	
SURFACE	FERRODESMO PRINTING	FERRODESMO FINISHING	FERRODESMO PW PRINTING	FERRODESMO PW FINISHING
MORTAR, POROUS CONCRETE	NOT NEEDED	**COMPULSORY FINISH WITH ONE OF THE FOLLOWING PRODUCTS:*** - FERRODESMO VARNISH - FERROPOL VARNISH *(UNLESS WHEN COVERED)	IT IS NOT NECESSARY.* * (USE FERROFIX IF YOU WANT UNIFY ABSORPTION)	IT IS NOT NECESSARY.* * (UNLESS WE WANT A HEAVY TRAFFIC TRANSIT, FINISHING THE WATER FERROPOL VARNISH)
WOOD	NOT NEEDED			
WET SUPPORT	WATER-BASED EPOXI PRINTING			
MOSAIC, MARBLE	WATER-BASED EPOXI PRINTING			
ASPHALT EMULSION	WATER-BASED EPOXI PRINTING			
STEEL, LACQUERED STEEL	WATER-BASED EPOXI PRINTING			
ALVANIZED STEEL	UNIPRIMER OR EPOXI CG PRINTING			
ASPHALT FABRIC	WATER-BASED EPOXI PRINTING			
ROOF TILE	NOT NEEDED			

WATERPROOFING WITH FERRODESMO WATER-BASED EPOXY PRIMER AND FERRODESMO VARNISH

Waterproofing recommended

TYPE OF SUPPORT: Valid for all types of porous and non-porous surfaces. The use of the water-based epoxy primer is compulsory for non-porous surfaces and optional but recommended for porous surfaces.

PREPARATION OF THE SURFACE: The surface must be cleaned and sanitised by removing all types of remains to be found; especially greases and any silicones which may be present. Any mould and moss which is present must be removed, and the joints must be regenerated, if necessary by emptying them completely and filling them.

COLOUR: RED, GREY, WHITE

ADHERENT PRINTING

PAVIFER 305 - WATER EPOXY PRINTER

Apply a coat of product to create a bonding bridge which prevents the membrane from coming into contact with the surface. If the surface is uneven or presents a high level of humidity, an initial coat of more diluted primer followed by a second, less diluted coat is recommended.

STEPS TO FOLLOW:
One coat of Pavifer 305 at a dilution of 10% in water. Approximate yield of 6m2/kg

TIPS:
2 coats of Pavifer 305 may be required for uneven surfaces.

WATERPROOFING OF TERRACES
FERRODESMO COLOUR

The product needs to be applied and a uniform body achieved for it to act as a protective and waterproof membrane, preventing any water penetration once the product has settled. Minimum recommended thickness: from 1.5kg/m^2 to 2kg/m^2. Gives an average of 3-4 coats depending on the dilution.

STEPS TO FOLLOW:

1. *First coat of Ferrodesmo diluted with thinner for Ferrodesmo at 5% maximum.*
2. *Fibreglass mesh of approximately 50g.*
3. *Second coat of Ferrodesmo with thinner for Ferrodesmo at 5% maximum.*
4. *Third coat of Ferrodesmo diluted with thinner for Ferrodesmo at 5% maximum.*

WARNING:

The use of any thinner other than the thinner for Ferrodesmo may result in the membrane film not drying.

SURFACE SEALING
FERRODESMO VARNISH

Since this is an aromatic membrane, at least one coat of Ferrodesmo varnish needs to be applied. This will protect the membrane from the sun and give it greater durability and trafficability, as well as making it easier to clean. Recommended thickness per coat 150-200 g/m^2

STEPS TO FOLLOW:

1. *First coat of Ferrodesmo Varnish at a dilution of 5% with thinner for Ferrodesmo.*
2. *Second coat of Ferrodesmo Varnish at a dilution of 5% with thinner for Ferrodesmo.*

TIPS:

Approximate average yield of 10-12 m2/l.

A higher number of coats may be applied if you wish to reinforce the durability.

Leave a minimum time of 6 h between coats.

SUITABLE FOR

Terraces, galleries, buildings, garages, lift wells, squares, swimming pools, tanks, ponds, balconies, vaults, roofs, stands, parks, etc

WATERPROOFING WITH FERROFIX, FERRODESM PW AND FERROPOL VARNISH

Waterproofing of terraces with glazed surface

TYPE OF SURFACE: Suitable for all types of glazed surfaces, such as porous slabs, glass mosaic, stone, ceramic, etc.

PREPARATION OF THE SURFACE: The surface must be cleaned and sanitised by removing all types of remains to be found; especially greases and any silicones which may be present. Any mould and moss which is present must be removed, and the joints must be regenerated, if necessary, by emptying them completely and filling them.

COLOUR: WHITE, GREY, RED, TILE, GREEN AND BLACK

ADHESIVE PRIMER
FERROFIX FERROLUZ

Apply a coat of product to create a bonding bridge and guarantee the adherence of the products applied subsequently, which will be applied to the treated surface.

STEPS TO FOLLOW:
One coat of Ferrofix at 25% dilution in water. Approximate yield 10-12 m2/l.

WARNING:
The product will present tacking. This is normal.

WATERPROOFING OF TERRACES
FERRODESMO PW COLOUR

The product needs to be applied and a uniform body achieved for it to act as a protective and waterproof membrane, preventing any water penetration once the product has settled. Recommended minimum thickness of 1.2 to 1.5kg/m^2.
This is achieved with an average of 3-4 coats depending on the dilution.

STEPS TO FOLLOW:
1. *First coat of Ferrodesmo PW diluted in water at 25%.*
2. *Fibreglass mesh of approximately 50 g.*
3. *Second coat of Ferrodesmo PW diluted in water at 5%.*
4. *Third coat of Ferrodesmo PW diluted in water at 5%.*

TIPS:
With three coats at these dilutions the consumption will be 1.2-1.5 kg/m^2.

Wait for a minimum time of 2 h between coats.

SURFACE SEALING
FERROPOL FERROLUZ VARNISH

It provides greater support viability, as well as a more vitreous effect that facilitates cleaning and durability of the system.

STEPS TO FOLLOW:
1. *First coat of Ferropol Varnish at a dilution of 25% in water.*
2. *Second coat of Ferropol Varnish at 5% dilution in water.*

TIPS:
- *Approximate average yield of 10-12 m2/l.*
- *A higher number of coats may be applied if you wish to reinforce the durability.*
- *Leave a minimum time of 6 h between coats.*

For moderate, pedestrian traffic, you can consider the application with Ferrodesmo PW as finished, since this is a water-based hybrid aliphatic polyurethane membrane resistant to solar radiation. For heavier traffic or for more intense cleaning of the terrace, the use of this varnish is recommended.

COLOUR: TRANSPARENT

ADHERENT PRIMER
FERROFIX FERROLUZ

A sufficient body must be achieved for it to act as a protective and waterproof membrane, preventing any water penetration once the product has settled.

STEPS TO FOLLOW:
1. *First coat of Ferrofix or Ferrodesmo PW diluted in water at 25%. Theoretical yield at this dilution of 10 m2/l.*
2. *Second coat of standard Ferrofix or transparent Ferrodesmo PW.*
3. *Third coat of standard Ferrofix or transparent Ferrodesmo PW.*

TIPS:
A higher number of coats may be applied if the surface is very irregular and more microns need to be achieved to guarantee the waterproofing.

The minimum waiting time between coats is 12 h, although 24 h is recommended.

The product will present tacking. This is normal.

WATERPROOFING OF THE TERRACE
FERRODESMO PW TRANSPARENT

To obtain complete trafficability of the surface, as well as for a more glazed effect which makes cleaning easier and reduces the deterioration it causes.

STEPS TO FOLLOW:
1. *First coat of Ferropol Varnish at a dilution of 25% in water.*
2. *Second coat of Ferropol Varnish at 5% dilution in water.*

TIPS:
A higher number of coats may be applied if you wish to reinforce the durability.

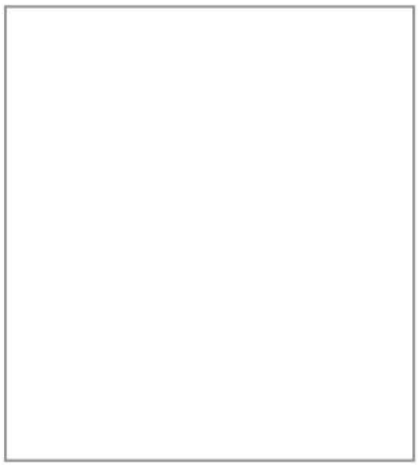
Leave a minimum time of 6 h between coats.

SEALING SURFACE
FERROPOL VARNISH

Gives the surface greater trafficability and a glazing effect which facilitates cleaning and the durability of the system.

WARNING:
This transparent system is very sensitive to humidity, and a whitish haze may appear. Therefore it is only recommended in places with controlled humidity.

COLOUR CHART



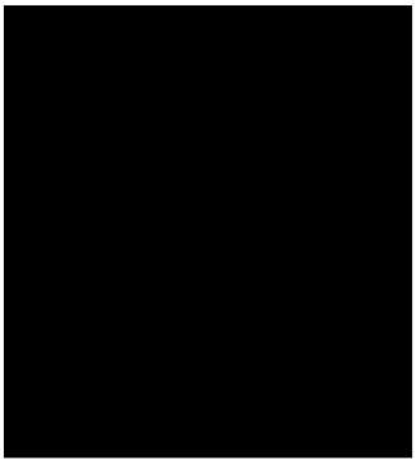
WHITE

GREY

ROOF TILE

RED

GREEN



BLACK

** This table is an approximation of colors. The color you are viewing may vary depending on the quality of your screen or print. If you need to know the exact tone or full range, contact our commercial department directly.*

ACRYLICS

ACRYLIC RUBBER - Cod.7017

Elastic water coating, suitable for waterproofing concrete surfaces, tiles, roofs, overhangs, etc.

DILUTION/CLEANING
Water

DRY TO TOUCH
6h a 20°C

APPLICATION TOOLS
Brush, roller and airless gun

SECOND COAT
24h a 20°C

PERFORMANCE
1.5 l / m² with 3 layers *minimal thickness recommended

COLOUR/FINISHING
Grey, red, white, tile, green and black / Semimatte
* waterproofing letter

4L	15L

FIBRATED ACRYLIC RUBBER - Cod.7017F

Elastic water-coated, fiber reinforced, suitable for waterproofing concrete surfaces, tiles, roofs, overhangs, etc.

DILUTION/CLEANING
Water

DRY TO TOUCH
6h a 20°C

APPLICATION TOOLS
Brush, roller and airless gun

SECOND COAT
24h a 20°C

PERFORMANCE
1,5 l/m² con 3 capas *espesor mínimo recomendado

COLOUR/FINISHING
Grey, red, white, tile, green and black / Semimatte
*waterproofing letter

4L	15L

POLYURETHANE MEMBRANES

Water Polyurethane Membrane

FERRODESMO PW - Cod.7009

Continuous membrane that incorporates polyurethanes in its composition with excellent mechanical properties, applicable on concrete surfaces, tiles, roofs, etc. Giving them a good waterproofing. Maximum resistance to aging and cracking.

DILUTION/CLEANING
Water

DRY TO TOUCH
6h a 20°C

APPLICATION TOOLS
Brush, roller and airless gun

SECOND COAT
24hrs a 20°C

PERFORMANCE
1.5 l / m² with 3 layers *minimal thickness recommended

COLOUR/FINISHING
Gray, red, white, tile, black, green and transparent / Satin
* waterproofing letter

0,75L	4L	15L

Eco-term polyurethane membrane

FERRODESMO PW ECO-TERM - Cod.7020

Continuous elastic waterproofing membrane that incorporates polyurethanes in its composition and that has as its main component micro-pigments based on hollow spheres, which give the product thermal qualities, as well as insulators and anti-sound. Its composition makes it especially resistant to fungi. High adhesion.

DILUTION/CLEANING
Water

DRY TO TOUCH
1hr a 20ºC

APPLICATION TOOLS
Brush, roller

SECOND COAT
24hrs a 20ºC

PERFORMANCE
2-3 l / m² and layer
* recommended minimum thickness

COLOUR/FINISHING
White/Semimatte

4L	15L

100% solid solvent polyurethane membrane

FERRODESMO - Cod.7011

Polyurethane, solvent, monocomponent and elastic coating of great impermeability for concrete surfaces, tiles, etc.

DILUTION/CLEANING
Ferrodesm solvent

DRY TO TOUCH
3h a 20ºC

APPLICATION TOOLS
Brush and roller

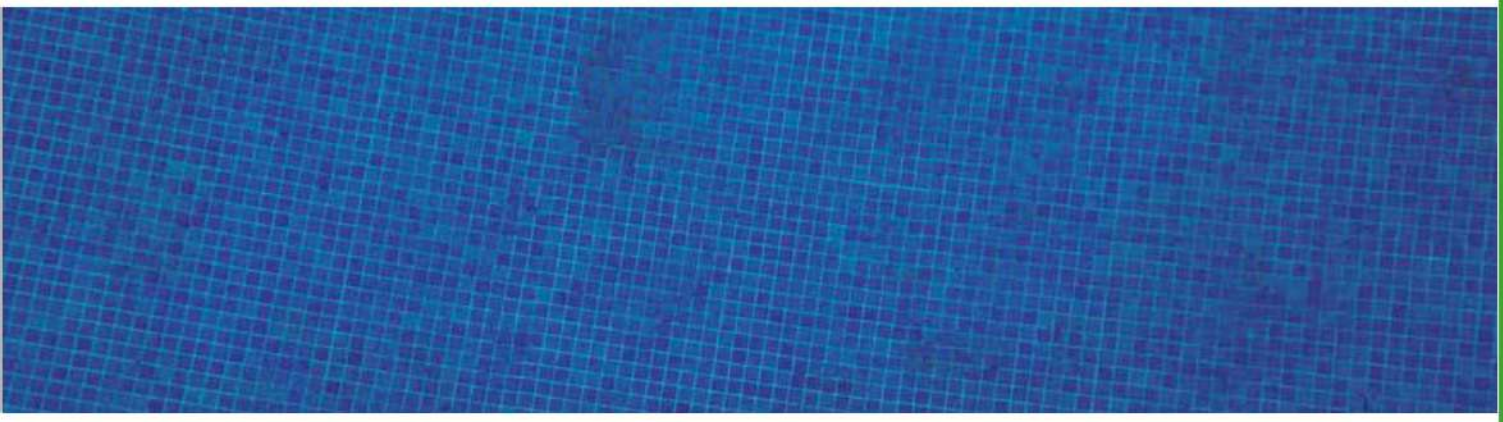
SECOND COAT
Min.: 24h Máx.: 7 days

PERFORMANCE
1,5-2 kg/m² with 3 layers.

COLOUR/FINISHING
Grey, red and white/Satin

6KG	25KG

Gresite detail with transparent waterproofing



WATERPROOF POLYURETHANE VARNISHES

WATER BASED FERROPOL VARNISH - Cod.7022

1-component elastic water-based aliphatic polyurethane varnish, highly resistant to the outdoors, ideal as a top coat sealant for FERRODESMO and FERROPOL to stop dirt getting into the membrane and to add shine. High resistance to abrasion. Fully trafficable.

DILUTION/CLEANING
Water

DRY TO TOUCH
1h a 20°C

APPLICATION TOOLS
Brush, roller and airless gun

SECOND COAT
Min.: 4hrs
Max.: 3 days

PERFORMANCE
8-10 m²/l

COLOUR/FINISHING
Colourless/Brilliant

4L	15L

FERRODESMO VARNISH - Cod.7013

1-component elastic aliphatic polyurethane varnish, highly resistant to the outdoors. Ideal as a top coat sealant for FERRODESMO to stop dirt getting into the membrane and to add shine.

DILUTION/CLEANING
Disolvente Ferrodesmo

DRY TO TOUCH
6h a 20°C

APPLICATION TOOLS
Brush, roller and airless gun

SECOND COAT
Min.: 24hrs Máx.: 3 days

PERFORMANCE
8-10 m²/l

COLOUR/FINISHING
Colourless/Brilliant

4KG	20KG

DURABILITY
Our waterproofing line has elasticity and resistance outdoors.

CONSOLIDANTS AND FIXERS

FERROFIX - Cod.2017

Elastomeric primer for surfaces with poor adhesion. Serves as a bonding interface in waterproofing processes. Can be used on both vertical and horizontal surfaces.

DILUTION/CLEANING
Water

DRY TO TOUCH
6h a 20°C

APPLICATION TOOLS
Brush, roller and airless gun

SECOND COAT
Min.: 24hrs a 20°C

PERFORMANCE
7-8 m²/l depending on porosity

COLOUR/FINISHING
Colourless/Satin

0,75L	4L	15L

IMPERLITE Water repellent-hardener for stone and brick - Cod.1036

Solvent-based hardening primer with excellent filling and damp-proofing properties. Ideal for stone and facing bricks.

DILUTION/CLEANING
Synthetic solvent

DRY TO TOUCH
20 min. a 20°C

APPLICATION TOOLS
Brush, roller and airless gun

SECOND COAT
Min.: 4hrs a 20°C

PERFORMANCE
8-10 m²/l depending on surface

COLOUR/FINISHING
Colourless/Semimatte

0,75L	4L	15L

HIDROFUGENTS

HYDROFUGENT Super-hydrophobic - Cod.1038

NANOTECHNOLOGY

"Super-hydrophobic" waterproofing hydrofugent product ideal for exposed work facades and natural stone. Provides hydro-repellency without modifying its natural appearance. VERY IMPORTANT! Apply a single layer until saturation. Its superhydrophobic action works even on horizontal surfaces.

DILUTION/CLEANING
Do not dilute

DRY TO TOUCH
1 hora a 20°C

APPLICATION TOOLS
Brush, roller and airless gun

SECOND COAT
No

PERFORMANCE
4-5 m²/l depending on surface

COLOUR/FINISHING
Colourless/Matte invisible

0,75L	4L	15L

HYDROFUGENT Based on siloxanes with nanotechnology - Cod.1029

NANOTECHNOLOGY

Invisible and water-repellent waterproofing hydrofugent for exposed work facades and natural stone, which confers hydro-repellency without modifying its natural appearance. VERY IMPORTANT! Apply a single layer until saturation.

DILUTION/CLEANING
Do not dilute

DRY TO TOUCH
1h a 20°C

APPLICATION TOOLS
Brush, roller and airless gun

SECOND COAT
No

PERFORMANCE
4-5 m²/l depending on surface

COLOUR/FINISHING
Colourless/Matte invisible

0,75L	4L	15L

WATER BASED HYDROFUGENT Based on siloxanes with nanotechnology - Cod.1031

NANOTECHNOLOGY

Invisible and waterproof waterproofing of water-based siloxanes, for the hydrophobicization of absorbent support facades, such as concrete, brick, tiles, plastering, natural stone, etc. VERY IMPORTANT! Apply a single layer until saturation.

DILUTION/CLEANING
Water

DRY TO TOUCH
30 min. a 20°C

APPLICATION TOOLS
Brush, roller and airless gun

SECOND COAT
No

PERFORMANCE
4-5 m²/l depending on surface

COLOUR/FINISHING
Colourless/Matte invisible

0,75L	4L	15L

SUPER HYDROPHOBIC

HYDRO REPELLENT | WATERPROOFING

NANOTECHNOLOGY