



THERMAL

Insulation & Chemicals Division
general **building** catalogue

Living
comfort
since 1981



Our care
for the
quality

**PRODUCT WITH LOW
environmental impact**
little energy
used in production and
transportation, **a lot of energy**
saved, thanks to its thermal
performances!

A small green circular icon containing a white silhouette of two leaves, positioned at the bottom of the green circle.

THERMAL INSULATION . REFURBISHMENT AND DEHUMIDIFICATION

EDILTECO . 360° Insulation

- 1 THERMAL INSULATION OF EXTERNAL WALLS (EWI):** Isolteco® range, Isolsan® 230, Ecap® range, decorative profile, Edil-Therm.
- 2 THERMAL INSULATION OF INTERNAL WALLS (IWI):** Isolteco® range, Isolsan® 230, Ecap® range, Edil-Therm.
- 3 CAVITY WALL INSULATION:** Politerm® Wall / Wall Fix, Isolteco® range, Isolcap Light 110.
- 4 ELIMINATION OF THERMAL BRIDGES:** Isolteco® range, Ecap® range, Edil-Therm.
- 5 FLOORS THERMAL INSULATION:** Politerm® Blu, Isolcap range.
- 6 THERMAL INSULATION BENEATH UNDERFLOOR HEATING SYSTEMS (UFH):** Politerm® Blu, Isolcap range.
- 7 THERMAL INSULATION OF TERRACES AND BALCONIES:** Politerm® Blu, Isolcap range.
- 8 THERMAL INSULATION OF BASEMENT FLOORS:** Politerm® Blu, Isolcap range.
- 9 INSULATED VOID FILLING AND FLOOR LEVELLING:** Politerm® Blu, Isolcap range.
- 10 CEILINGS THERMAL INSULATION:** Isolteco® range, Ecap® range, Edil-Therm.
- 11 ROOFING THERMAL INSULATION:** Politerm® Blu, Isolcap range.
- 12 THERMAL INSULATION OF ATTICS:** Politerm® Blu, Isolcap range.
- 13 SCREEDS:** Isolcap Max 650, Isolcap Max 800, Autoliv, Kronos.
- 14 INTERNAL AND EXTERNAL COATING AND FINISHING:** Ecap® Range.
- 15 REFURBISHMENT AND DEHUMIDIFICATION:** Isolsan® 230, Drymix range, Drymur®, Tecosel, Drystop.
- 16 BENEATH ASPHALT DRIVEWAYS AND FLOORING:** Politerm® Blu, Isolcap range.
- 17 AIRBORNE SOUND INSULATION:** Sonophone®.
- 18 IMPACT SOUND INSULATION:** Fonotech series, Duetto series, Gum Gum Spray, R-Stick Green, LF5 adhesive strips, ZerodB Gips series.
- 19 FIRE PROTECTION:** Protherm light® range.



EDILTECO and the environment



The concept of sustainability when applied to buildings can be evaluated from two converging points of view. From one side, it is possible to evaluate the impact that the construction and management of a building will have on its whole environment, while from the other side it is possible to analyze specifically all the technologies that have been used during construction, studying the individual environmental impact of each component and every material type that has been used. **The evaluation of sustainability of an individual product is extremely complex. It is not measurable according to just one or more "eco" characteristic, but it is also related to all the factors that interact with the product and the environment during its lifecycle.** This issue is further complicated if we say that the product sustainability evaluation is measured across its whole lifecycle, from the raw material to the finished product. Depending on the actual stage in its lifecycle it can have different environmental impacts. The certification of environmental sustainability is the instrument that allows the declaration of the performances and the environmental impacts that a building has on its territory including its energy consumption. **Edilteco's products meet the criteria of the environmental sustainability protocols that are used to calculate scores and Leed credits.**



Ask for the sustainability sheet with LEED scores of the product you are interested in: info@edilteco.com

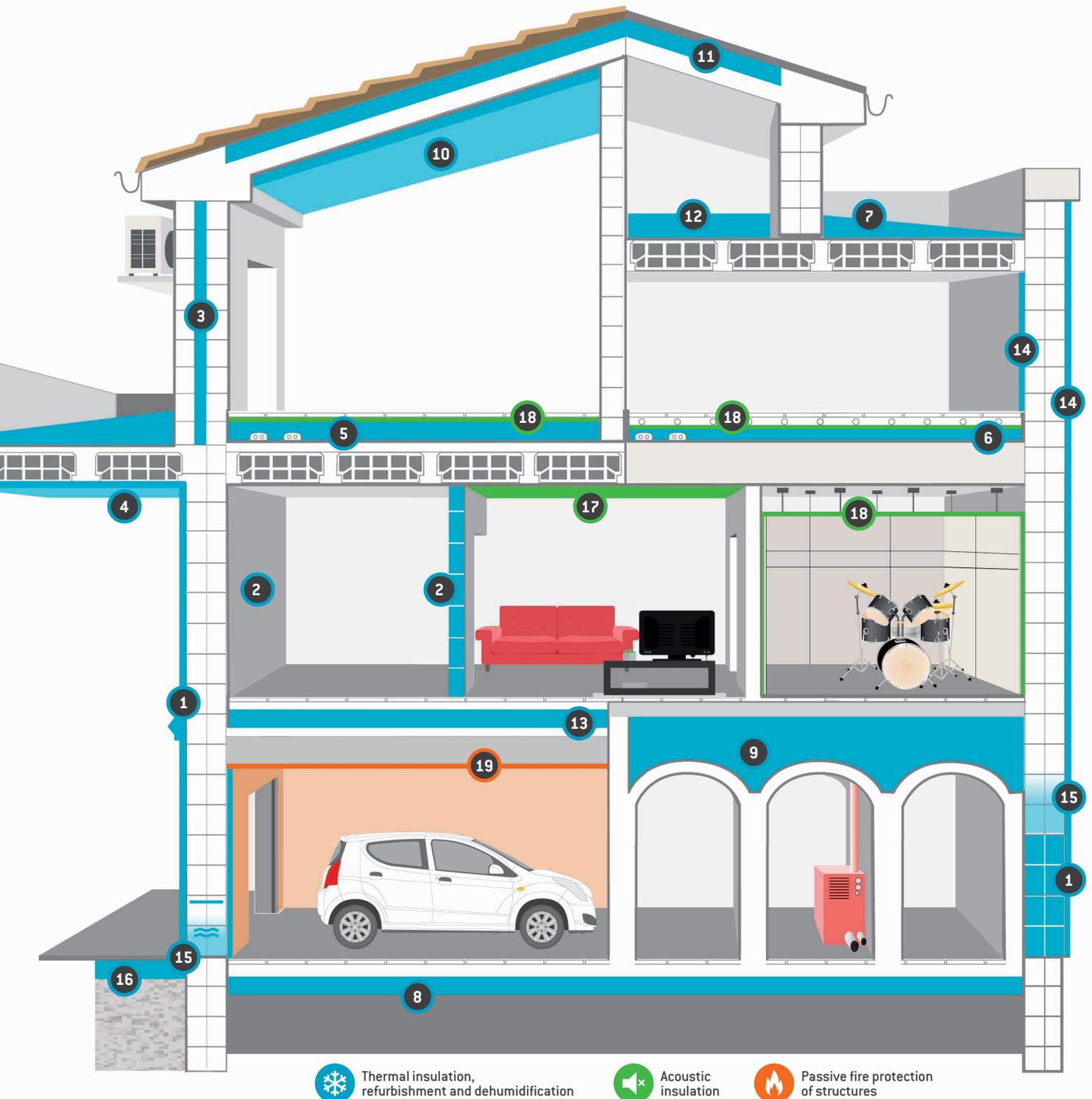


See the technical data sheets and application manuals.



Thermal, acoustic insulation and fire protection.

Solutions for the
living comfort



Thermal insulation,
refurbishment and dehumidification



Acoustic
insulation



Passive fire protection
of structures

WALLS AND CEILINGS

ISOLTECO® RANGE

Ready to use plasters with high thermal insulation properties composed of water binders, virgin beads of expanded polystyrene and special additives. Perfect for external wall insulation systems (EWI), thermal insulation of internal walls (IWI), ceilings, the elimination of thermal bridges and protection of façades from rain.



EDIL-THERM

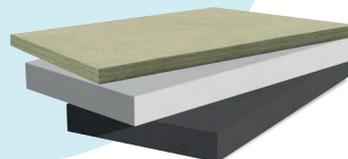
Thermal insulating boards of expanded polystyrene for (internal and/or external) walls and ceiling thermal insulation.

EDIL-THERM GT with graphite:

$\lambda_0 = 0,030 - 0,031$ W/mK.

EDIL-THERM L: $\lambda_0 = 0,035$ W/mK.

EDIL-THERM WOOL: $\lambda_0 = 0,036$ W/mK.



ECAP® Ideal for fast application of EWI systems!

Prefinished thermal insulating boards for external and/or internal wall insulation systems and ceilings. Ecap® boards are supplied with smoothing mortar, fiberglass mesh and pre-drilled holes for the fixing dowels. After the application on site, it is enough to finish the work with the smoothing cycle in order to achieve a perfect final result. The product is also available as **ECAP® GT** (with graphite), **ECAP® STIF** (in Stiferite Class SK), **NANO** (in Aerogel) and **WOOL** (rockwool).

ECAP® NANO: $\lambda_0 = 0,015$ W/mK.

ECAP® STIF: $\lambda_0 = 0,026 - 0,028$ W/mK.

ECAP® GT: $\lambda_0 = 0,030 - 0,031$ W/mK.

ECAP® L: $\lambda_0 = 0,035 - 0,036$ W/mK.

ECAP® WOOL: $\lambda_0 = 0,035$ W/mK.

Ecap® L and GT available with groove



60%
FASTER APPLICATION
than traditional
wall insulation
systems!

SPECIAL INTERNAL THERMAL INSULATION

Cleaner application thanks the gluing with **Ecap® Soudatherm Wall 220** and **Ecap® APR** smoothing mortar. No dust production, no mixing, no water and any equipment needed.



ECAP® RANGE

RANGE OF PRODUCTS FOR: GLUING, SMOOTHING MORTAR AND FINISHING.

ECAP® SOUDATHERM WALL 220

Single-component polyurethane adhesive.

ECAP® ADP Adhesive Powder

Fibre-reinforced adhesive in powder, ready to use.

ISOLTECO® RASATURA MONOCAP

Premixed single-layer levelling smoothing mortar.

ECAP® F Fixative

Ready to use universal fixative, also available in fibre-reinforced version.

ECAP® FS Silicate Fixative

Fibre-reinforced potassium-based fixative.

ECAP® AC Acrylic Colour

Acrylic finishing in paste.

ECAP® AP Acrylic Paint

Ready to use resin wall paint.

ECAP® STC Silicate Colour

Mineral finishing in paste composed of silicates of potassium.

ECAP® STP Silicate Paint

Ready to use wall paint composed of potassium silicates.

ECAP® SC Silicene Colour

Silicon finishing in paste.

ECAP® SP Silicene Paint

Silicon wall paint.

ECAP® EP Elastomeric Paint

Ready to use elastomeric wall paint.

ECAP® SCLP Selfcleaning Paint

Self-cleaning wall paint.

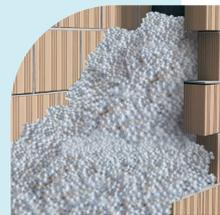
ECAP® PSCL Selfcleaning Primer

Self-cleaning primer for wall paint.



POLITERM® WALL

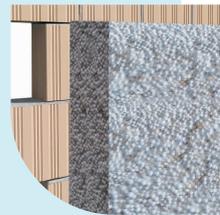
Closed-cells virgin beads of expanded polystyrene for dry blowing into cavity walls and surrounding voids, with constant curve grain-size ($\varnothing 3 - 6$ mm). The beads are perfectly spherical, with controlled density, non-toxic, non-absorbent, rotproof, dust free, dimensionally stable over time, with no nutritional values for the growth of fungi and bacteria. The production is completely free of chlorofluorocarbons.



also available in the version

WALL FIX into cavity walls

Using a specific equipment, the thermal insulating aggregates Politerm® Wall are sprayed with the specific additive (yield approx. 2 kg/m^3) into the partition wall. Thanks to this solution the insulating beads, after to be blown, avoid the coming out in case of future interventions on the walls (duct, perforation, etc.).



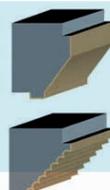
FIX

Water-based synthetic latex, promoting the binding of the virgin beads after curing.



PRE-SMOOTHED PSE PROFILES

Easy application: ready to paint; available in many standard types. Also available in different colours. See the catalogue on www.edilteco.com



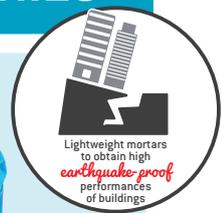
FLOORS, ROOFING, BASEMENTS, TERRACES AND BALCONIES

POLITERM® BLU and POLITERM® BLU FEIN

Superlight high thermal insulating aggregate composed of virgin expanded polystyrene beads, with a controlled density. During production, beads are mixed with the special E.I.A. additive, which allows a perfect mixing with the water binders, the homogenous distribution of the beads throughout the mix and the elimination of the problem of bead flotation. Also available in the "Ready Mix" version specific for concrete batching plants. Politerm® Blu is also perfect as a lightweight single-layer base screed when using the Piano Zero system for the direct application of the final flooring. **SIMPLY MIX WITH CEMENT, WATER AND SAND, IF NECESSARY.**

Politerm® Blu beads \varnothing 3 - 6 mm / Politerm® Blu Fein beads \varnothing 2 mm

New! The new system Politerm® Rain Defence ... and the rain is no longer a problem!



ISOLCAP LIGHT 110 Base screed

Ready to use, superlight thermal insulating base screed, composed of selected water binders, virgin expanded polystyrene beads, perfectly spherical with high thermal insulating properties (\varnothing 2 mm). During production, beads are mixed with the special E.I.A. additive. Isolcap Light 110 can be laid in different thicknesses on horizontal and sloping surfaces and into cavity walls.

Density 130 kg/m³



ISOLCAP FEIN 300 Base screed

Ready to use, lightweight and thermal insulating base screed with fine beads, composed of superlight aggregates, such as virgin expanded polystyrene beads with constant grain size (\varnothing 2 mm) and controlled density. During production, beads are mixed with the special E.I.A. additive. Suitable as lightweight single-layer base screed when using the Piano Zero system for the direct application of flooring.

Density 315 kg/m³



ISOLCAP 250 Base screed

Ready to use, lightweight thermal insulating base screed, composed of superlight aggregates, such as virgin expanded polystyrene beads with constant grain size (\varnothing 3 - 6 mm) and controlled density. During production, beads are mixed with the special E.I.A. additive.

Density 265 kg/m³



ISOLCAP SPEED 525 Base screed

Quick drying, ready to use thermal insulating base screed, composed of superlight aggregates, such as virgin expanded polystyrene beads with constant grain size (\varnothing 2 mm) and controlled density. During production, beads are mixed with the special E.I.A. additive. It contains water based binders with quick dehydration. Suitable as lightweight single-layer base screed when using the Piano Zero system for the direct application of flooring.

Density 540 kg/m³



ISOLCAP XX 500 Base screed

Ready to use, lightweight thermal insulating base screed with fibres, composed of superlight aggregates, such as virgin expanded polystyrene beads with constant grain size (\varnothing 2 mm) and controlled density. During the production, beads are mixed with the special E.I.A. additive. Suitable as lightweight single-layer base screed when using the Piano Zero system for the direct application of flooring.

Density 515 kg/m³



ISOLCAP MAX 800 Screed / Base screed

Ready to use, thermal insulating screed / base screed, composed of superlight aggregates, such as virgin expanded polystyrene beads with constant grain size (\varnothing 2 mm) and controlled density, mixed with the special E.I.A. additive. Suitable as lightweight single-layer base screed when using the Piano Zero system for the direct application of flooring.

Density 815 kg/m³



ISOLCAP "MINI"

The new "MINI" ISOLCAP bags are small and maneuverable.

less weight / less time / less effort

Ideal for:

- Flat interventions
- Interventions of small / medium quantity
- Historic centre interventions
- "Do-it-yourself"
- Hard handling.



KRONOS *Screed*

Ready to use mortar suitable for the production of quick drying screeds with controlled shrinkage. It is composed of cement, fine-grain materials and special additives. Kronos can be used on all kind of floors, with or without thermal and/or acoustic insulation and on lightweight base screeds and screeds. Any kind of flooring (wood, ceramic tiles, carpeting, plastic coats, etc.) can be applied once dry.



AUTOLIV *Smoothing base screed*

Ready to use self-levelling mineral mortar powder, for manual or mechanical application. It is suitable for the high resistant levelling of base screeds prepared with Politerm® Blu and Isolcap (consult Edilteco Application Manual), before the application of ceramic tiles, porcelain, marble, natural stone and parquet.



PIANO ZERO PROFILES

PVC guide rails for setting accurate levelling of the base screed. They are particularly suitable for single-layer lightweight screeds. The special cross-section design allows them to be securely fixed and held within the screed. They are very stable providing excellent alignment and preventing the formation of thermal bridges.



REFURBISHMENT AND DEHUMIDIFICATION

ISOLSAN® 230

Ready to use plaster with high thermal dehumidification properties, composed of water binders and virgin expanded polystyrene beads with special additives.

DRYMIX 10.0

Ready to use macroporous fibre-reinforced plaster for dehumidification. It is composed of hydraulic lime, cement, classified sands, special additives and fibres.

DRYMIX FEIN 14.0

Fine, dry and breathable finishing mortar. It is composed of long-curing lime, water binders, sands and additives.

DRYMIX BIO 8.0

Ready to use macroporous dehumidifying plaster. It is composed of natural hydraulic lime (NHL 3.5), classified sands, fibres, hydrophobic and special natural additives.

DRYMIX SPRITZ

Ready to use premixed anti-sulphate mortar for the realization of adhesion primer on smooth and non-absorbent surfaces.

DRYMIX OSMO

Osmotic highly waterproof premixed dry mortar. Composed of concrete, aggregates and special additives.

DRYSTOP H

Waterproof liquids in aqueous solution or solvent base for the creation of a barrier against rising damp through the impregnation of the base with low-pressure injection.

DRYMUR®

Liquid additive for the realization of macroporous dehumidifying mortars and breathable mortars. Suitable for the realization of dehumidifying plasters.

TECOSEL

Multicomponent solvent-based liquid for the prevention and elimination of salt efflorescence.

special
REFURBISHMENT



FIRE PROTECTION

PROTHERM LIGHT®

Ready to use lightweight thermal insulating plaster, composed of virgin EPS beads, water binders and special additives, for mechanical application.

- Available colours: grey and white.
- Fireproofing protective system, specifically designed to improve the passive fire resistance of structural elements of steel, brick, standard or pre-stressed reinforced concrete, for civil and industrial use buildings. For internal and external use.
- For internal and external application.
- It does not contain fibres.



PROTHERM light® HEAVY

Fireproof plaster composed of dry gypsum and perlite, to be applied by plastering machine or manually. It is specific for the fire protection of structures. It can be used as base plaster for the indoor of buildings, such as houses, malls, factories, offices. It is particularly advantageous for works of refurbishment and renovation.

Consult the complete catalogue of our fireproof solutions.

ACOUSTIC INSULATION



IMPACT SOUND INSULATION

FONOTECH 5

Crosslinked polystyrene mat in rolls format thickness 5 mm, density 30 kg/m³. A material with good elastic properties and easy to use. Impact sound insulation on floors with floating screed system.



DUETTO SERIES

Mat in rolls, composed of selected SBR rubber granules and fibres bound with polyurethane resins (MDI), thermo-joined to crosslinked polyethylene foam.



R-STICK GREEN ADHESIVE TAPE

Adhesive tape with thermosetting rubber suitable for all the acoustic mats of dBred range, also of SRB rubber.



 Consult the complete catalogue of our solutions for the acoustic and vibration problems.

FONOTECH PLUS 3.6 and 5.6 WITH OVERLAPS

Mat in rolls for impact sound insulation, to be applied on slabs with floating screed system (according to UNI 11516). 3 mm or 5 mm expanded polyurethane, chemically crosslinked, joined on one side with polyester fibre (6 mm) and with 50 mm overlapping layers on both sides.



also available in the ANTISCRATCH version!

GUM GUM SPRAY

Impact sound insulation layer to be realized on site, composed of premixed SBR rubber granules with controlled grain size and unique selected pre-batched binders, supplied in bags, to be mixed with a second liquid additive (B part), for mechanical or manual application.



The great innovation for acoustic insulation!

LF5 ADHESIVE STRIPS

Adhesive strips of expanded polyethylene, with hot crease to easier the "L" folding during the application.



AIRBORNE SOUND INSULATION

ZERODB GIPS SERIES

Special board composed of selected SBR rubber granules bound with polyurethane resins (MDI) joined to plasterboard. It is characterized by high soundproof properties and a low resonance phenomenon. Fire classification B-s1,d0 according to UNI EN 13501-1.



ACOUSTIC CORRECTION

SONOPHONE®

Sonophone® is a **sound absorbing plaster** to be sprayed on internal surfaces. It only requires the addition of water on site to create a mixture to be pumped and applied with the machine. It is perfect for new buildings and the refurbishment or renovation of existing ones. It is available white or black.



OTHER PRODUCTS

EDILSTIK

Synthetic latex to improve the properties of the cement mortars. To be used in the laying of single-layer lightweight screeds (Piano Zero system) to promote the adhesion to the receiving surface and for the preparation of very thin smoothing screeds (1 - 2 mm) for surfaces protection.



EDILSTIK F.C.A.

Pigmented synthetic latex for temporary stabilization of asbestos fibre cement sheets ("type D" certificate). As preventive treatment in encapsulation work or removal of asbestos fibre cement sheets. Also available in the pre-diluted version.



ISOLTECO® RASATURA MONOCAP

A vapour permeable levelling and smoothing mortar, with a good workability, suitable for concrete and cement-based textured surfaces, thermal insulating boards (like Isolteco® range), thermal dehumidification (like Isolsan® 230) and refurbishment (like Drymix 10.0 and Drymix Bio 8.0).



EDILTECO, AN INTERNATIONAL SUCCESS

italy . france . benelux



LEGEND

- Edilteco Group
- Partners
- Distributors



360° Insulation

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Edilteco is associated with:



COMPANY WITH
 QUALITY SYSTEM
 CERTIFIED BY DNV GL
 = ISO 9001 =