



THERMAL

Insulation & Chemicals Division

general **building** catalogue

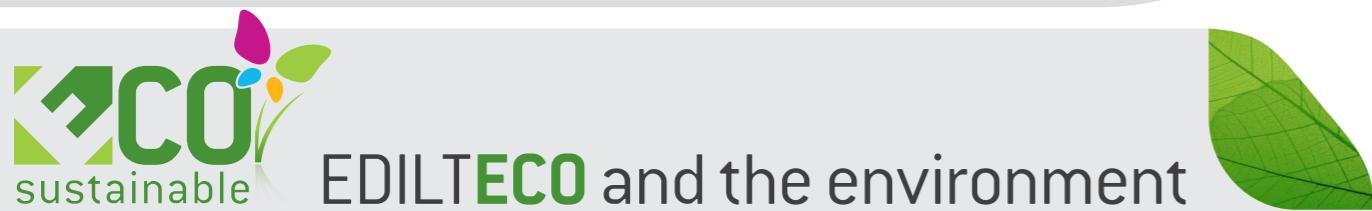


Our care
for the
quality

THERMAL INSULATION . REFURBISHMENT AND DEHUMIDIFICATION

EDILTECO . A 360° degree insulation

- 1** THERMAL INSULATION OF EXTERNAL WALLS (EWI): Isolteco Light 110, Isolteco 150, Isolsan 230, Ecap range, decorative profile, Edil-Therm.
- 2** THERMAL INSULATION OF INTERNAL WALLS (IWI): Isolteco Light 110, Isolteco 150, Isolsan 230, Ecap range, Edil-Therm.
- 3** CAVITY WALL INSULATION: Politerm Wall / Wall Fix, Isolteco Light 110, Isolteco 150, Isolcap Light 110.
- 4** ELIMINATION OF THERMAL BRIDGES: Isolteco Light 110, Isolteco 150, Ecap range, Edil-Therm.
- 5** FLOORS THERMAL INSULATION: Politerm Blu, Isolcap range.
- 6** THERMAL INSULATION BENEATH FLOOR 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 Light 110, Isolteco 150, 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 800, Autoliv SP, Autoliv, Kronos, Mixxol.
- 14** INTERNAL AND EXTERNAL COATINGS AND FINISHES: 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: dBred ZerodB GIPS series.
- 18** IMPACT SOUND INSULATION: dBred Fonotech range, F series, Duetto series, Gum Gum Spray, LF5 adhesive strips, R-Stick Green adhesive tape.
- 19** FIRE PROTECTION: Protherm light® range.



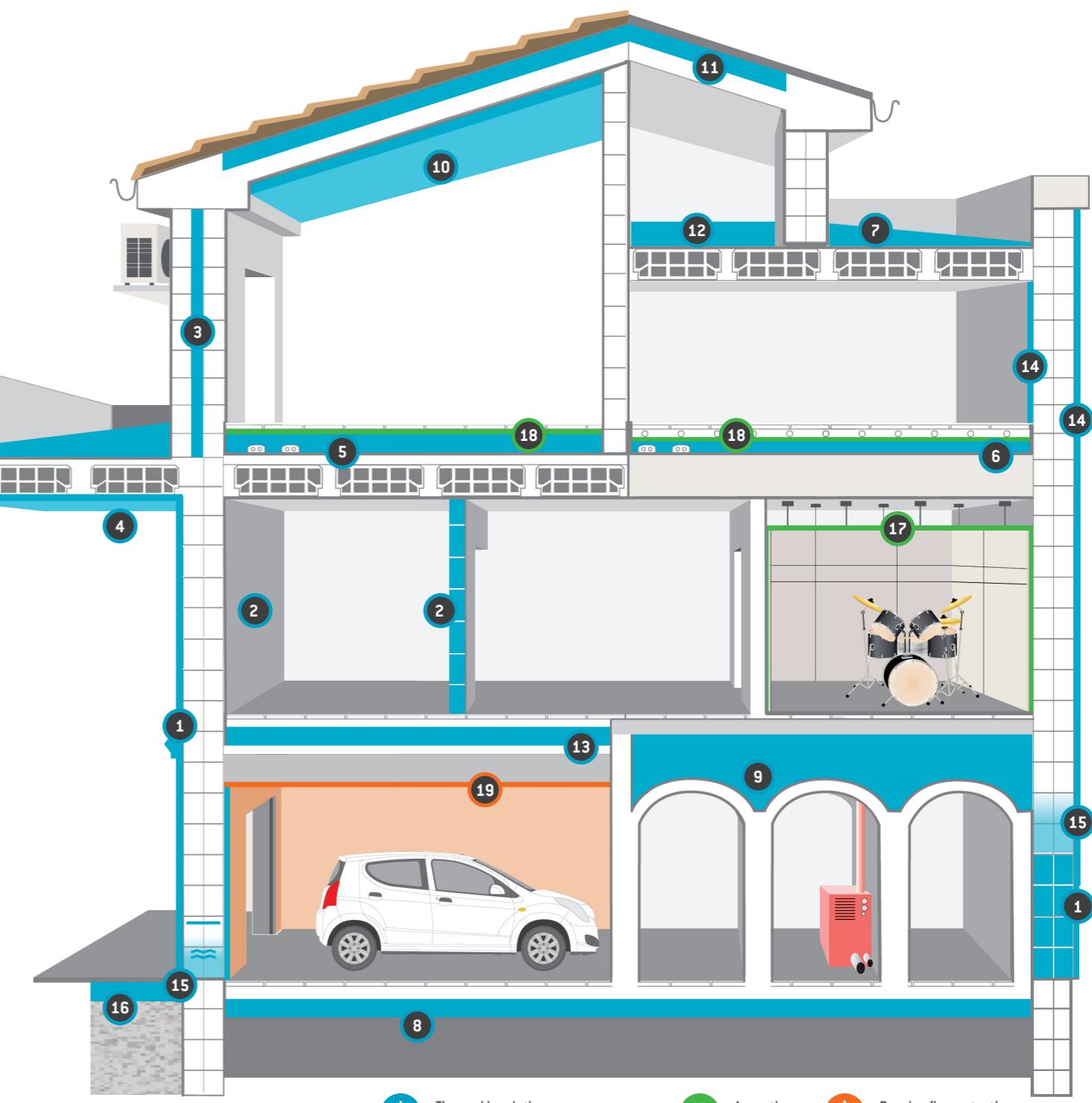
The concept of sustainability when applied to buildings can be evaluated from two converging points of view. From one side, it is possible to evaluate the impact that the construction and management of a building will have on its whole environment, while from the other side it is possible to analyze 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



**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 LIGHT 110 and ISOLTECO 150

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



λ_d = 0,043 W/mK

ECAP

The ECAP system comprises rigid insulation boards to which a base coat cement render and mesh have been factory applied prior to delivery to site. The resulting board provides a semifinished EWI product that is quick to install, easy to handle and requires a single layer top coat to achieve a perfect finish. The boards feature mesh overlaps to the edges and predrilled holes for the fixings. The product is also available as ECAP GT (graphite EPS) version and as ECAP Stif one, with Stiferite Class SK.

- 1) ECAP L: λ_d = 0,035 W/mK.
- 2) ECAP GT: λ_d = 0,030-0,031 W/mK.
- 3) ECAP Stif: λ_d = 0,026-0,028 W/mK.

ECAP RANGE

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

ECAP ADP Adhesive Powder

Fibre reinforced adhesive in powder form, ready to use.

ECAP SOUDATHERM WALL 220

Single-component polyurethane adhesive.

ECAP FM Finishing Mortar

Premixed single-layer levelling smoothing mortar.

ISOLTECO RASATURA MONOCAP

Premixed single-layer levelling smoothing mortar.

ECAP F Fixative

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

ECAP MC Mineral Colour

Breathable mineral finishing render in powder form.

ECAP AC Acrylic Colour

Acrylic finishing in paste form.

ECAP STC Silicate Colour

Mineral finishing in paste form composed of silicates of potassium.

ECAP SC Silicone Colour

Silicon finishing in paste form.

ECAP SP Silicone Paint

Silicon wall paint.

ECAP GC Glamish Colour

Shiny coloured thin-bed finishing in paste form.

ECAP GP Glamish Paint

Ready to use wall painting in shiny colours.

ECAP SCL Selfcleaning

Self-cleaning mineral finishing in paste form.

ECAP SCLP Selfcleaning Paint

Self-cleaning wall paint.

ECAP STP Silicate Paint

Ready to use wall paint composed of potassium silicates.

ECAP AP Acrylic Paint

Ready to use resin wall paint

ECAP EP Elastomeric Paint

Ready to use elastomeric wall painting with organic binder.

News!
Ecap L and GT
available
with groove!



60%
saving on
installation
time!

EDIL-THERM GT/L

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

1) EDIL-THERM GT with graphite:

λ_d = 0,031 W/mK.

2) EDIL-THERM L:

λ_d = 0,035 W/mK.



ISOLSAN 230

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

Ideal for:

- Refurbishment, dehumidification wall and ceiling thermal insulation. It can be applied both outdoor and indoor.
- Elimination of thermal bridges.
- Prevention and elimination of surface and interstitial condensation.
- Protection of façades from rain.

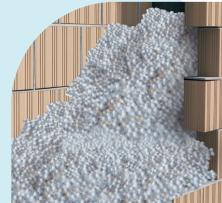


λ_d = 0,063 W/mK

POLITERM WALL

Closed-cells virgin beads of expanded polystyrene for dry blowing into cavity walls and surrounding voids, with constant curve grain-size (Ø 3 - 6 mm).

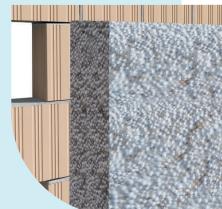
The beads are perfectly spherical, with controlled density, non-toxic, non-absorbent, rot-proof, dust free, dimensionally stable over time, with no nutritional values for the growth of fungi and bacteria. The production is completely free of chlorofluorocarbons.



available also in the
WALL FIX version
into wall cavity walls

Using specialist equipment Politerm Wall beads, are blown into the cavity with an atomized binder fluid.

Once blown in the beads are solidly bound together preventing possible migration and loss of beads should openings be made in the wall at a later stage.



FIX

Water based synthetic latex, which promotes the binding together 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



See the technical data sheets and application manuals.

FIRE PROTECTION

PROTHERM LIGHT

Lightweight premixed thermal insulating plaster made of virgin EPS beads, water binders and special additives for mechanical application.

Available colours: grey and white.



See the full catalogue of our products for fire protection.

GLASSBLOCK MORTAR

Premixed special mortar for the construction of glass block walls. The special formulation provides an adhesive thixotropic mixture, easy to use both vertically and horizontally for internal and external applications.



AIRBORNE SOUND INSULATION

ZERODB GIPS SERIES

A special coupled panel consists of a gypsum slab panels with granules of SBR rubbers selected and bound with polyurethane resins (MDI) high density.

It characterized by a high soundproof power and low resonance phenomenon. Fire classification Bs1,d0 according to EN 13501-1.



See the full catalogue of our solutions to the problems of acoustic insulation.

FLOORS, ROOFING, BASEMENTS, TERRACES AND BALCONIES

POLITERM BLU

Superlight high thermal insulating aggregate composed of virgin expanded polystyrene beads, with a controlled density. During production, beads are mixed with a special E.I.A additive, which allows perfect mixing with the water binder. 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 specifically for ready mix site production. Politerm Blu is also perfect as a light single-layer base when using the Piano Zero system for the direct adhesion of floor finishes. **SIMPLY MIX WITH CEMENT AND WATER.**

Politerm Blu beads Ø 3 - 6 mm
Politerm Blu Fein beads Ø 2 mm



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

ISOLCAP LIGHT 110 Base screed

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

Density 130 kg/m³



ISOLCAP 250 Base screed

Ready to use, lightweight thermally insulating base screed, composed of a superlight aggregate of virgin expanded polystyrene beads with grain size in curve (Ø 3 - 6 mm), and a controlled density. During production, beads are mixed with a special E.I.A additive.

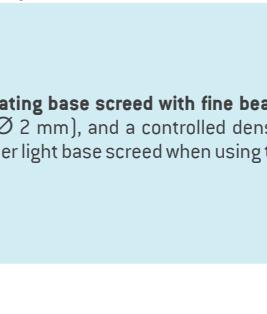
Density 265 kg/m³



ISOLCAP FEIN 300 Base screed

Ready to use, lightweight and thermally insulating base screed with fine beads, composed of superlight aggregate with virgin expanded polystyrene beads, with constant grain size (Ø 2 mm), and a controlled density. During production, beads are mixed with a special E.I.A additive. Suitable for the realization of single-layer light base screed when using the Piano Zero system for the direct adhesion of floor finishes.

Density 315 kg/m³



ISOLCAP SPEED 525 Base screed

Fast drying, ready to use thermally insulating base screed, composed of superlight aggregate with virgin expanded polystyrene beads, with constant grain size (\varnothing 2 mm), and a controlled density. During production, beads are mixed with a special E.I.A additive. It contains water based binders with quick dehydration. Suitable as a single-layer light screed when using the Piano Zero system for the direct adhesion of floor finishes.

Density 540 kg/m³



ISOLCAP MAX 800

Screed / Base screed

Ready to use, thermally insulating screed / base screed, composed of virgin expanded polystyrene beads with constant grain size (\varnothing 2 mm), and controlled density, mixed with the special E.I.A additive. Suitable as a single-layer light screed when using the Piano Zero system for the direct adhesion of floor finishes.

Density 815 kg/m³

News
CE



MIXXOL Screed / Base screed

Ready to use and thermally insulating screed / base screed, composed of recycled natural aggregates - 1000 kg/m³. A high environmental sustainability product, made up of 49% of material of natural origins.

Designed to:

- Reduce the loading applied on the structure [density is approximately 55% of that of traditional and cement based screeds].
- Thermally and acoustically insulate the building partition walls.
- Can be laid to falls.

bio



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.



PROFESSIONAL LATEX

EDILSTIK

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



ISOLCAP XX 500 Base screed

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

Density 515 kg/m³



KRONOS Screed

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



AUTOLIV SP Screed

Ready to use cement-based self-levelling screed. It is composed of special cement binders, calcareous and siliceous aggregates in grain size in curve with additives to improve the workability and levelling.



AUTOLIV Smoothing base screed

Ready to use self levelling mineral mortar powder, for hand or mechanical application. It is suitable as a high strength top coating layer or for the fine levelling of Politerm Blu and Isolcap lightweight screeds (see the Edilteco's application manual), prior to laying ceramic tiles, stone or marble floors wood flooring.



EDILSTIK F.C.A.

Pigmented synthetic latex for temporary stabilization of asbestos fibre cement sheets [type D certificate]. To be prior to the encapsulation work or removal of asbestos fibre cement sheets. Also available in the ore-diluted version.



PLASTERS AND ADDITIVES

REFURBISHMENT AND DEHUMIDIFICATION

ISOLSAN 230

Premixed plaster with high thermal dehumidification power, composed of water binders and virgin expanded polystyrene beads with special additives.

DRY MIX

Ready to use premixed macroporous dehumidifying plaster. Composed of concrete, cement, aggregates and special additives.

DRY MIX OSMO

Osmotic highly non-permeable premixed dry mortar. Composed of concrete, aggregates and special additives.

DRY MIX FEIN

Thin-bed finishing mortar with high vapour permeability for restoration and dehumidification.

DRYSTOP H

Water-based water-repellent liquid for the creation of a barrier to rising damp through the base. Applied using low pressure injection.

DRYMUR

Liquid additive for the packaging of macroporous dehumidifying mortars with high vapour permeability. Suitable for dehumidifying plasters.

DRY MIX SPRITZ

Ready to use premixed anti-sulphate mortar for priming particularly smooth and non-absorbent surfaces.

DRY MIX BIO *bio*

Ready to use mineral premixed dehumidifying plaster. It is a biocompatible product based on natural water lime and pozzolan.

TECOSEL

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



IMPACT SOUND INSULATION . DBRED SOLUTIONS

FONOTECH SERIES

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

Available thickness: 4 - 5 - 10 mm



F SERIES

Mat in rolls made of granules and fibres selected SBR rubber bound with polyurethane resins (MDI) with density up to 550 kg/m³. Material with excellent elasticity and resistance which ensure constant and lasting mechanical acoustic performance.



DUETTO SERIES

Mat coupled in rolls, consisting of a component in granules and fibers selected rubber SBR bound with polyurethane resins (MDI), thermo coupled in a continuous manner in crosslinked polyethylene.



GUM GUM SPRAY

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



LF5 ADHESIVE STRIPS

Adhesive strips composed of hot pre-folded expanded polyethylene foam to make easier the L folding and with silk-screened the application's instructions.



R-STICK GREEN ADHESIVE TAPE

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



EDILTECO, AN INTERNATIONAL SUCCESS

italy . france . benelux . sudamericana



360° Insulation

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