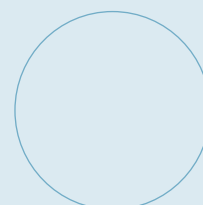




esco
METALLBAUSYSTEME

Products and Services



As a system house for fittings technology and steel and stainless steel profiles for doors, windows and facades, esco is constantly producing winning innovative ideas.

01

We provide solutions in the form of doors, windows and facades for metal and steel structures.



02

Our top priority has always been to offer our clients advice and support.



03

Flexible services and state-of-the-art logistics round off our programme.



esco Metallbausysteme GmbH was founded in 1965. Over subsequent years the business grew from a simple shop selling building fittings to a specialist company with an extensive product portfolio.

Today esco Metallbausysteme GmbH sees itself as a system house for fittings technology providing solutions in the form of doors, windows and facades. Our success is largely due to extraordinarily high market penetration and the high level of technical expertise of our employees.

esco is part of the VBH group, the top-selling wholesale business for structural fittings. VBH's strengths lie in wood and plastic. esco complements the group's product range with its innovative metal constructions.

Our headquarters is in Ditzingen. We also have four branches in Berlin, Chemnitz, Erfurt and Frankfurt. esco is represented abroad by its own companies in Poland and Russia.

As a cooperation partner of WICONA (Hydro Building Systems GmbH), esco develops and is the exclusive supplier of door fittings, both at home and abroad, for the internationally recognised WICONA profile system.



esco fittings for doors and windows: comprehensive - innovative - secure. Around windows and doors esco Metallbausysteme GmbH is your reliable fittings supplier.

Our solutions in terms of window fittings include:

- system-linked fittings such as tilt/turn and parallel sliding/tilting as well as euronut fittings
- attractive stainless steel and aluminium window handles
- turn limiters for all standard aluminium profile systems
- heating control/lock sensors for monitoring and securing buildings
- fanlight opener systems, both standard and special designs
- parallel opening, top-hung and special opening versions

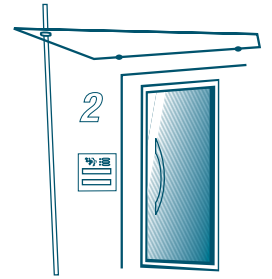
From door hinges to a comprehensive security system, we have all the right door fittings. Our programme of fittings is complemented by:

- door closers in the form of integrated systems, add-on systems and locking systems
- standard tube-frame locks, panic locks compliant with DIN EN 179 and EN 1125. Locks for steel doors, fireproof doors and grille doors according to the type of profile system and requirements in terms of safety category, intruder and fire protection
- door hinges from different manufacturers and our own in-house developed products, all tailored to the particular steel or aluminium door application
- access control systems and emergency exit systems which comply with all necessary requirements and legal stipulations.





From door hinges to a comprehensive security system, esco has all the right fittings



01

WINDOWS

Alongside tilt/turn fittings, windows with sliding elements are becoming more popular.



02

DOORS

Our range includes door components for various profile systems as well as an extensive variety of fittings for the front door.

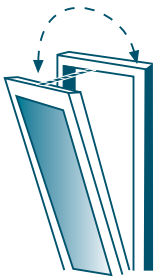


03

FINGERSCAN

esco fingerscan uses biometric identification to control access. It cannot be lost, forgotten or copied.





esco is an expert
in security. We
offer the optimum
solution for every
profile system

01

AUTOMATIC DOORS

esco's products range from standard design revolving door drives and those authorised for use with fire- and smokeproof doors to sliding escape doors and powered revolving door mechanisms.



02

NSHE

esco's electric drives are tested to EN 12102-2 and meet EC conformity criteria. Consequently these motors are an essential part of natural heat and smoke exhaust equipment under the current standard.



03

CONTROLLING ACCESS AND ESCAPE ROUTES

esco's escape route and emergency exit doors can be opened easily at any time, while also protecting the building from unauthorised access. esco access systems for industrial, commercial and administrative buildings offer additional security.





esco mechatronics: automation – security – control. We analyse, plan, configure and install tailor-made solutions for special application requirements in terms of automatic doors and windows.

Our extensive network of fitters offers a comprehensive service for automating your windows and doors.

We have also acquired considerable expertise in smoke extraction with our NHSE motors tested to EN 12101-2.

We not only supply and install automatic drives and automatic doors, but we are also able to combine these with access controls, escape route systems or slipstream opening for smoke extraction.

Where security is an issue, we are increasingly using electronic cylinders in building construction.



esco technology centre: creative – visionary – supportive. From special fitting components to complex building solutions: esco helps you to realise your visions.

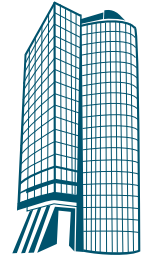
Architects, planners and metal construction benefit from our many years' experience in developing building solutions. esco engineers follow the building from the initial concept to the final completion of the building project. Our applications engineers provide help with model elements, service the products and provide training.

esco's patented design for the parallel opening window has now become the state-of-the-art. The sliding/rotary wing window with integrated guard is a further example of a vision which has been transformed into an innovative product.

A number of reference buildings for which we have developed solutions in recent years provide visible proof of our creativity. See for yourself.



sliding/rotary
wing, horizontally/
vertically pivoted
or top-hung: esco
develops innovative
fittings for individual
architectural styles



01

PARALLEL OPENING WINDOW

The best design
for ventilation and
noise proofing in
glass facades



02

SLIDING/ROTARY WING WINDOW

The solution for
room-height
window elements
with integrated
guard



03

HORIZONTALLY/ VERTICALLY PIVO- TED WINDOW

Timeless window
designs with
new dimensions
as regards profile
and format.



04

TOP-HUNG WINDOW

Outward opening
window elements
for complete
glass facades



05

MOTORISED SIDE- HUNG WINDOW, OPENING IN- WARDS/OUTWARDS

No limit to the
dimensions

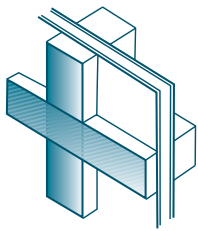


06

MOTORISED TOP- HUNG WINDOW, OPENING OUT- WARDS

Straightforward
ventilation with a
little help





FERRO-WIC
The complete
steel system for
doors, windows
and facades

01

FERRO-WICLINE STEEL WINDOWS

esco steel and stainless steel windows impress with their design, fabrication and durability. Moreover, slimline face designs with good static values permit a range of functions. Particular highlights are the sliding/rotary wing fitting and intruder-retardant protection up to WK3.



02

FERRO-WICSTYLE STEEL DOORS

Whether highly thermally insulated or non-insulated for interior use, whether smoke- or fire-proof or intruder-retardant, *FERRO WICSTYLE* doors in steel and stainless steel can meet these requirements with the same face widths. Escape functions and automatic drives are obviously also available.



03

FERRO-WICTEC 50-1/55-1 FWT 50-1/55-1 HA ADD-ON DESIGN

Every conceivable requirement is catered for with a combination of base system and add-on facade. From high thermal insulation to the Passive House range, from fire-proof to intruder- and gunfire-retardant, whether timber or steel substructure, esco facades meet the most rigorous demands of the new product standards. Welded T, right-angle and special supporting profiles complete the system.



04

PASSIVE HOUSE FACADE FWT 50-1 HA E PLUS

The future of building lies in sustainability, esco takes the high standards of the Dr Feist Passive House Institute in Darmstadt even further with the visual challenge of constructing a structure which is as slim as possible. The *FWT 50-1 HA E plus* system has a face width of just 50 mm.

05

FERRO-WICTEC 55 STEEL FACADE

Large-scale facade grids are possible with the mullion/transom facade with a slimline 55 mm face width. Polygonal facades up to 30° are straightforward requiring no special consideration. Available in steel or high-quality stainless steel. All *FERRO WICTEC* facades can be combined interchangeably and form a cleverly designed modular system.

06

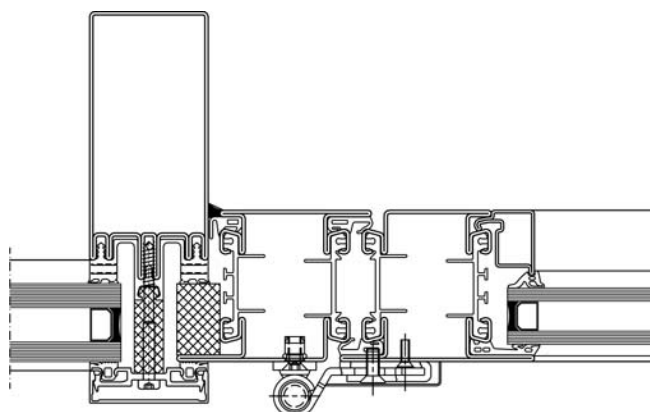
PROVEN SECURITY TECHNOLOGY

esco's intruder- and gunfire-retardant steel system with state-of-the-art fire- and smokeproofing is not visible from outside the building. The new fireproof design for mullion/transom facades is also unique in that, for the first time, high thermal insulation is combined with fire-proofing. Stay on the safe side with *FERRO -WIC*.



Modular profile system: steel – stainless steel. esco's FERRO-WIC steel system makes it possible to construct unusually slim designs with high aesthetic standards.

Make your ideas a reality and take advantage of the many varied designs possible. All profiles are available in either steel or stainless steel and processing is as efficient as it is cost-effective. The facade system provides the ideal conditions for integrating *FERRO-WIC* doors and windows.



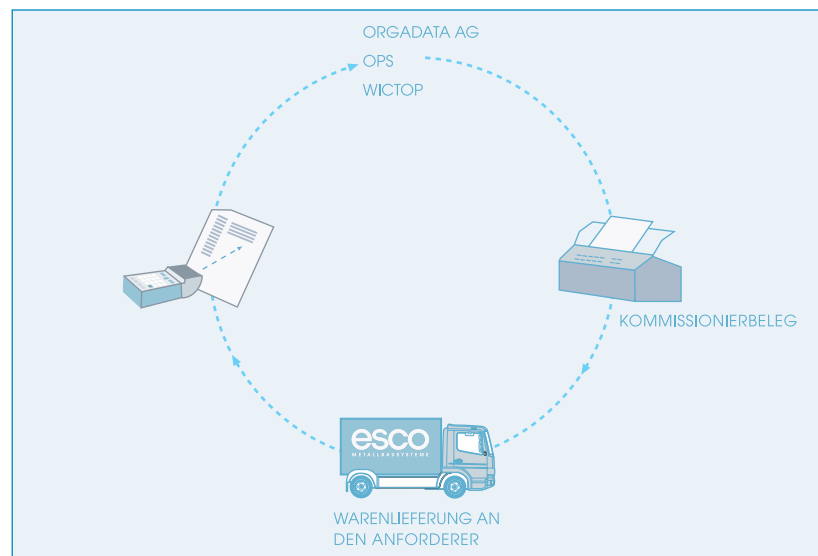


esco service package: practical – versatile – fast. The esco service package simplifies business processes giving you the competitive edge. Here are the main modules of the package.

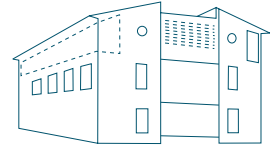
01

LOGOS (= trouble-free logistics):

LOGOS simplifies the ordering process and saves processing costs. The desired articles are simply registered by scanner and the data is automatically transferred remotely into esco's inventory control system. Once the purchase order has been initiated in this way, you will receive confirmation directly. So the ordering process is quicker, more reliable and more straightforward.



The esco
service package
simplifies business
processes and
saves money



02

esco24

esco 24 is available around the clock, 24 hours a day, seven days a week. The catalogue forum contains general information about the range. esco 24 offers comprehensive services, which not only save a lot of time but also reduce costs



03

Online catalogue

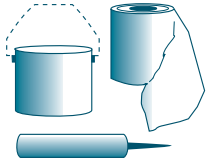
The online catalogue offers comprehensive search functions and selection criteria. Enquiries about prices and delivery times for selected articles in the esco 24 shop can be converted directly into an order.



04

esco logistics centre

Our state-of-the-art warehousing system makes sure goods are ready for delivery and guarantees short delivery times. All processes are coordinated and monitored using paperless data technology by means of radio data communication.



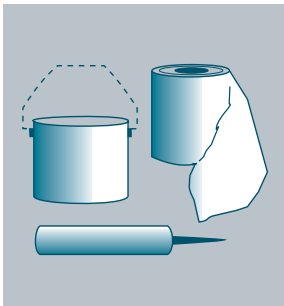
esco offers a complete range of marginal and complementary products for doors, windows and facades



01

CONSTRUCTION CHEMISTRY - RELIABLE SEALS AND ADHESIVES

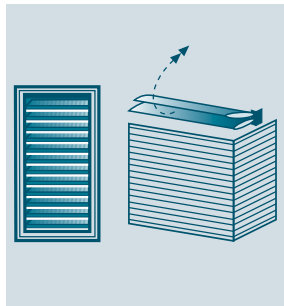
Whether building attachments, sandwich elements or cleaning agents, esco sealing and adhesive products cover all eventualities.



02

VENTILATION TECHNOLOGY, LOUVRED WALL SYSTEMS, SOLAR SHADING

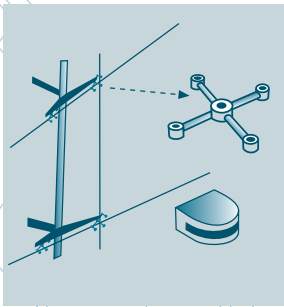
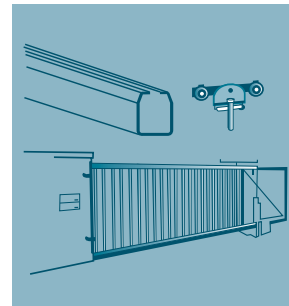
esco supplies all the necessary components for targeted and measured room ventilation as well as ventilation grilles and louvred wall panels.



03

ESCO MOVES WITH GATE MECHANISMS / WINDERS - VERSATILE AND COMPLIANT WITH THE STANDARDS

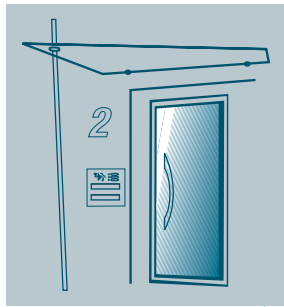
We offer a wide range of fitting systems for cantilever gates complying with the current standard.



04

GLASS FITTINGS - RELIABLE AND TESTED

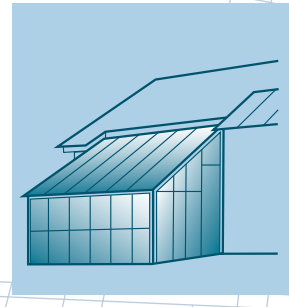
Our range includes attractive tested glass fittings for attaching glass elements securely and point-fixed overhead glazing and sliding glass elements.



05

LETTER BOXES - MODERN, ELEGANT, FUNCTIONAL

We have been working together with companies manufacturing the RENZ and JU brands for many years. Take advantage of our technical expertise in this area.



06

CONSERVATORY VENTILATION - REFRESHING, PLEASANT, SECURE

Coordinated ventilation systems provide a pleasant atmosphere, ensuring that the conservatory is reliably ventilated at all times, even in your absence.



esco complementary products: high quality – durable – useful. In addition to the wide range of standard and special fittings, esco offers a complete range of marginal and complementary products.

esco's product programme in terms of doors, windows and facades is comprehensive. Marginal and complementary products include ventilation systems, glass fittings and gate mechanisms, letterboxes and louvred wall systems as well as solar shading systems. Trained technical staff, both in-house and outdoor staff, can provide comprehensive advice tailored to your individual requirements. Take advantage of esco's service and save yourself time and money. esco offers quality products from well-known suppliers.

esco Metallbausysteme GmbH

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