



The Transparent Solution

Insect Screens



This is how to achieve better quality of life with trittec insect screens!

- You'll be provided with professional advice on site through your local trittec partner.
- You'll receive your individual installation solution with the clever trittec system products.
- You will be well protected from insects, small animals & pollen.
- Complete with handling & care instructions easy reliable ergonomic control mechanisms & low-maintenance surfaces.
- You'll enjoy the products for long thanks to the use of durable, weather-resistant materials.

Enjoy life.

Since many years we have been developing professional insect screens with the highest standards of quality and utility. Virtually invisible and always effective, our complete solutions integrate in your living environment.

Whether at home or in the office, thanks to the trittec insect system you can cook, relax or work unconcerned with open windows and doors.

That, to us, is quality of life.

The trittec system

■ Mesh

trittec offers a wide selection of functional mesh.

- 1 ▪ 5plus particle protection mesh
- 2 ▪ 5plus dust evo particle protection mesh
- 3 ▪ Fibreglass fabric
- 4 ▪ V2A stainless steel mesh
- 5 ▪ Heat protection mesh
- 6 ▪ Pet screen

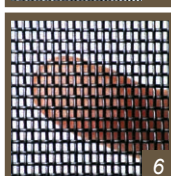
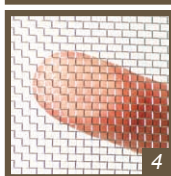
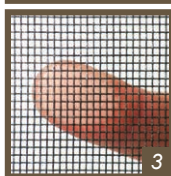
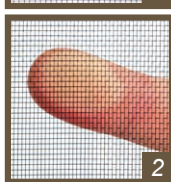
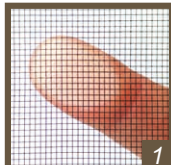
■ Colours

In addition to the 8 standard colours:

*RAL 9016 Traffic White (glossy),
RAL 8001 Ochre Brown (matt & glossy),
RAL 8014 Sepia Brown (matt & glossy),
RAL 8016 Mahogany Brown (glossy),
RAL 6009 Pine Green (glossy),
RAL 7016 Anthracite Grey (matt & glossy),
Ton 8077 Black Brown (matt & glossy)
and Anodized Silver all German RAL
colours are available.*

■ Shapes

Each built-in frame can be produced in almost any shape and size.



Endless possibilities for any built-in situation!



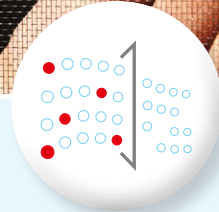
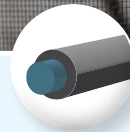
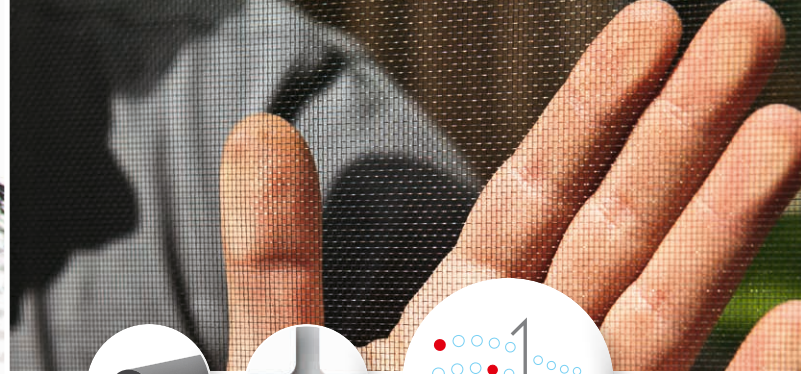
- *The EverPaint powder coating process is tailored to the trittec aluminium profiles. It provides a long weather resistance of all surfaces.*
- *All accessories and additional system components meet the highest quality requirements. Of course, they are colour-coordinated.*
- *The SolidProfile combines in its torsion-resistant wall construction a very high stability with extreme lightness.*

There is always an optimal solution.

Insect screens should be unobtrusive and should not dominate your living style. Therefore we attach great importance to an integrated design combined with the highest level of functionality. Each built-in solution can be individually customized with the help of our sophisticated trittec system. For that purpose a large variety of combinations is available, leaving no wish unfulfilled.

Quality is in every detail.

Each component must achieve the highest standards to lead to a convincing final product. We exclusively use high-quality, corrosion-free materials for our entire product range. So the trittec insect screens will enchant you through amazing lightness together with a particular longevity, durability and stability.



We do research for a better indoor air quality.

Industrialization and high traffic density cause an increasing air pollution with particulate matter. Due to high levels more and more people are forced to stay indoors. Therefore prevention is a central matter in the context of healthy ventilation.

Since 2008 we are conducting research on a highly transparent functional mesh, aiming at:

- a significant reduction of the incoming, noxious particles,
- simultaneously ensuring the highest possible ventilation and light incidence
- and a clear and unclouded view.

Therefore we do not hesitate to find new approaches to test the effectiveness and the efficiency of our meshes. The Indoor Climate Index is an evaluation of the mesh quality, which for the first time takes into account all the factors of an optimal protection mesh: effective particle protection plus high light and air passage.

5plus particle protection mesh

The meshes with particle filter technology (PFT)

5plus dust evo and 5plus dust evo forte are an electrostatic protective shield. They are charged by air friction and therefore their effects are reinforced. This causes an efficient reduction of the particle penetration.

The particle protection effect is based on a bicomponent technology, registered for patent by trittec, consisting of fine yarns with a special hydrophobic coating.








Quality made in Germany.





Advantages

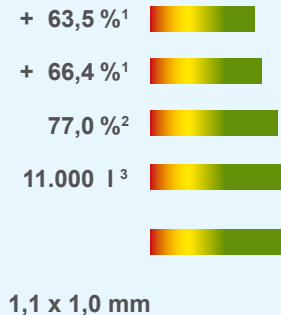
-  effective fine particle retention:
-  effective pollen retention:
-  transparency:
-  ventilation:
3,2 m/s at 0,11 mbar differential pressure
-  brilliant view
- mesh size**

High performance.

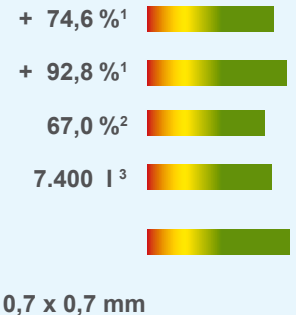
trittec broke new ground with 5plus dust evo and is the first insect screen provider dealing with the subject of particle protection and preventive screens who developed a screen not only against insects but also against pollen and particulate matter.

In the development of 5plus dust evo forte trittec gave priority to the pollen and dust retention of the screen. Due to its smaller mesh size compared to 5plus dust evo, trittec succeeded in improving the retention values without significant losses in optics or light and air passage.

5plus dust evo



5plus dust evo forte



We created particle protection in HD design.

The outstanding properties of the 5plus particle protection meshes, while maintaining an excellent air flow are the trademark of trittec.

Almost invisible, 5plus dust evo and 5plus dust evo forte provide the liberty of leaving doors and windows open, allowing you to enjoy your own four walls to the fullest.

Convincing efficiency.

All test results from our laboratory confirm the groundbreaking efficiency of our meshes. These results have been tested and approved by independent authorities.

Improve your life quality with our particle protection mesh.

1 The value was measured in comparison to an open window on the basis of Arizona fine dust according to ISO 12103-1 A1 respectively birch pollen (5plus dust evo) and grass pollen (5plus dust evo forte).

2 open area

3 (l/m²s at 30 PA) according to EN ISO 9237, +/- 5% deviation possible



www.blauer-engel.de/uz34

* Indoor climate index = $\frac{\text{light incidence in \%} \times (\text{particle retention in \%} \times 2)}{\text{differential pressure in mbar} \times 1.000}$

trittec insect screens

create the perfect insect repellent solution for your living spaces.

Every built-in situation is different. Effective insect protection must be tailored to your individual needs. Operation and maintenance should be simple. With the customized installation options of our trittec system you will receive highly stable, durable insect screens that make each day more beautiful.



trittec frames for windows

are versatile & practical.

Whether you are reading in the living room or enjoying the evening by candlelight: with the trittec frame for windows you will experience carefree leisure time. The sophisticated system provides flexible application options even with existing outdoor blinds or other weather protection angles. All fasteners have already been integrated and have mostly been fixed hidden in the frame. Consequently mounting and unmounting the screen is tool-free, reliable and easy.



trittec rotating frames

are comfortable & chargeable.

Trittec rotating frames are proven and smooth solutions for inward opening windows or doors that are subjected to heavy use. A storm outside: No problem, as the rotating frame is seamlessly and securely connected through the integrated magnetic strips and brush seals.

Thanks to the trittec SolidProfile the rotating door obtains a high stability, without having to renounce the claim of optical filigree design.

trittec swing doors

don't even hamper cowboys & indians.

trittec swing doors are ideal for yard and patio doors with high traffic. You can let the children enjoy without worry. The swing doors open as well inward as outward equally feather light and virtually noiseless. The sophisticated and indestructible frame construction allows for space-saving mounting options for all building requirements.



trittec sliding doors

extend your living area to the terrace.

The living and dining area often form the centre of family life. The extra large door openings to patio or garden require special protection from unwanted visitors.

Whether you practice sports or relax watching the sunset, with the trittec sliding door you let the summer air into the house without a worry.

trittec roller blinds

give a peaceful sleep.

Dormitories are often in the attic. For a healthy rest proper ventilation is particularly important here. With trittec insect repellent roller blinds you are on the right road.

Suitable amongst others for outward opening windows in the living area. The integrated reverse break ensures a secure fabric run. The innovative magnetic closure system will enthrall you. It operates without wear and guarantees a long durability, even with frequently used blinds.





- **The standard cover KSA**

is the optimal solution for all standard built-in situations. Its discrete design is based on a high quality aluminum frame into which a fine stainless steel mesh is clamped. The robust fabric is easy to clean and ensures a long durability with high light and air supply for your light well cover.

- **The robust cover SECUR fix**

is fully accessible and provides first-class design with additional burglary protection. It is made of an approx. 1.5 mm thick metal sheet. You have the choice between galvanized steel and stainless steel. Combine it with an insect mesh and enjoy best protection.



trittec light well covers

offer optimal protection against small animals & impurities.

We only think of light wells when they have to be cleaned. With the trittec light well cover solutions you save time and strenuous cleaning actions, because the surface can very easily be cleaned with a broom, pressure washer or damp cloth. Equally simple is the installation on the existing grid. An additional safety can be achieved attaching securing screws.

In addition to an attractive design we place great emphasis on high robustness and stability.

Optionally, the production of your cover with an upstand is possible. This protects open spaces such as windows protruding above the upper edge of the light well and guarantees sufficient ventilation. On request we can provide you with the Upgrade Secur SuperSafe Kit with additional burglary protection.

Service from A-Z

Your satisfaction is very important to us. Friendliness and competence are self-evident. We rely on an extensive network of professional experts who know their craft.

No matter where you live, we will recommend the appropriate operating partner. He advises extensively at your home and elaborates with you the best solution for your built-in situation. From measuring, the selection of shapes and colors, to installation, you will be fully supported.

So sit back and express your wishes.

The rest is handled by your personal contact:

