

# PRODUCT GROUPS

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## QUALITY THAT LASTS

We are not satisfied until everyone knows that our products have the highest quality in the market. Therefore, we supply mainly certified products that are produced in Sweden. We work continuously to improve all our team members so that they will have extensive expertise in their areas. With knowledge comes responsibility. That responsibility is for both the environment and the society. That responsibility is for today and tomorrow. We are therefore sure to conserve natural resources and improve the people's quality of life. Locally produced materials will reduce unnecessary transport and new technology utilised maximum at both development and production. By taking our responsibility we cherish our company's good reputation.

A house equipped with the right protective membrane not only raise the quality of life for residents, it is also energy-efficient and reduces heating and cooling costs and thus saving both the environment and lessens strain of its owners wallet. In addition, the property's resale value increased if there is a functional and viable solution for the investment and operating costs in place. A house protected by Staga is an investment for the future.

## PROTECTION SOLUTIONS

### Staga Moisture Protection



When protecting houses from moisture, one must bear in mind that the moisture will have many different origins; it can be in the form of precipitation, building moisture, water leakage and damp air. The origins can come both from outside (precipitation), inside (damp air) and from the actual building (building moisture).

Therefore, it is important to not just put an umbrella over the house to protect it against rain; moisture inside the building must also be transported out. Air moisture, i.e. the moisture generated by things like showers or cooking will increase the moisture in the air with a few g/sq. m, and this means that if the damp indoor air cools the moisture will be condensed.



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Examples of this can be seen when examining the pipes in the bathroom, condensation occurs on the pipes with cold water after the moisture content has been increased when someone has taken a shower. Best way to get rid of this moisture is not letting it wander through walls but extracting it through the ventilation system.

On the other hand, construction moisture, which already exists in the building, must be transported through the climate screen (exterior walls and roof). On the warm side of the wall there is normally a construction foil and to avoid encapsulating the inside construction moisture there must be materials in the wall that allow for the moisture to be transported out. However, remember that no matter how hard you are planning for the different layers in the wall to optimise moisture transport, there is always the risk of water leaks from for example a broken pipe.

- ✓ Staga Vapour Barrier
- ✓ Staga Våtrumssystem
- ✓ Staga Vindskydd
- ✓ Staga Vindskydd +

## Staga House Wrapping

When the insulation in the walls is exposed to the wind it weakens its insulating ability. A wind panel on the outside of the construction beam normally prevents wind from worsening the insulating ability as well as protects the insulation and rule frames from rain during the construction phase. This must be accomplished while the wind panel must allow moisture inside the wall to travel out, that is to say that it will be open to diffusion. The material will need to function for at least 50 years and that is why both the choice of materials and accurate assembly is vital for the building.



- ✓ Staga House Wrapping
- ✓ Staga House Wrapping +
- ✓ Staga Tarp



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## Soil protection

Soil protection products are used either above or below ground as protection from either physical influence on surfaces such as floor protectors or to protect those who live in the house against the harmful gases, for example radon.

Geotextiles are used for the redevelopment of the ground, for example when building roads or when founding a garden, to distinguish various materials from each other.

- ✓ Staga Radon Barrier
- ✓ Staga House Wrapping +
- ✓ Staga Tarp



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