



# TBuild

home solution maker



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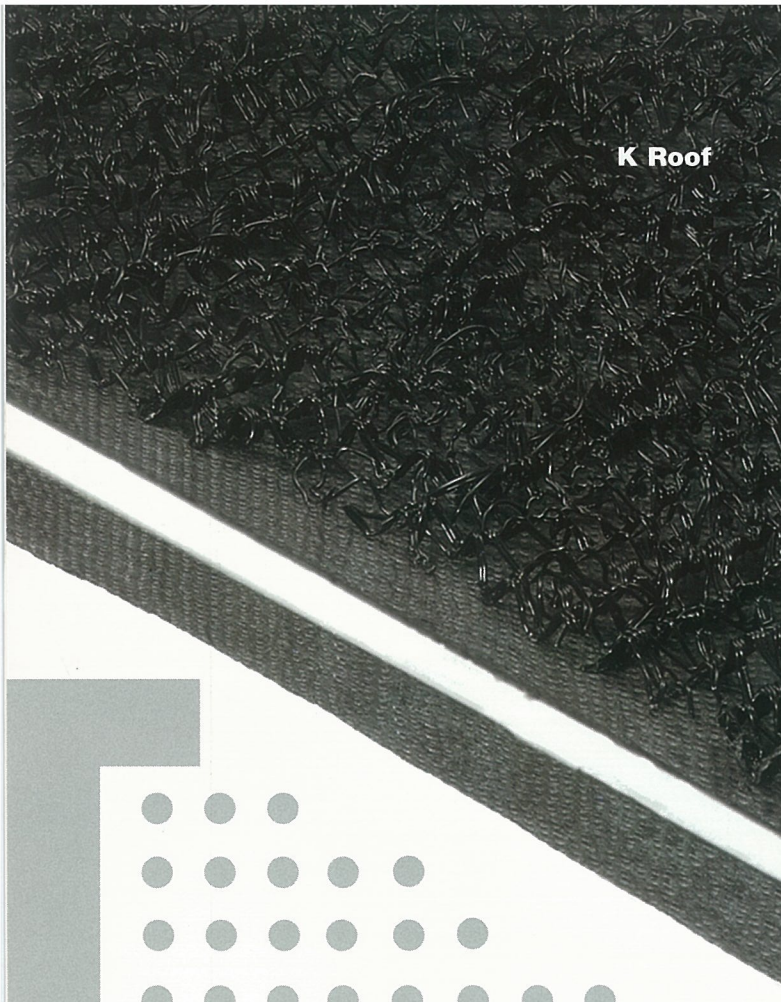
quality protection

Are you sure that in your home you have a healthy climate?  
Don't worry! We have already thought how to guarantee your comfort.


Water damage is the predominant cause of building deterioration...  
A better understanding of moisture movement in buildings is likely to result in new products such as 'self-drying' wall and roof designs.

We have planned a range of innovative products for:  
Roofing  
Siding  
Cavity wall  
Floor underlayment.


TeMa: the real "solution maker" for your home protection.



**K Roof**



**K Roof Easy**



**K Side**



**K Side Easy**

## Roofing

### **K Roof: drainage channel, corrosion protection and noise reduction**

**K Roof** permits to obtain a permanent drainage channel between the solid roof deck and the metal or wooden roof. TeMa suggests **K Roof** in order to: dry, eliminate the excess moisture, prevent thermal warping and cupping.

#### **description**

Three dimensional mesh of Polypropylene synthetic monofilaments, UV stabilized, tangled and welded where they cross, laminated to a waterproofing but vapour diffuser membrane. **K Roof** can be installed without any special tools. It is fire-resistant and remains unaffected by UV light, heat or cold, for an efficient and durable performance. The butyl strip on the edge allows a perfect waterproofing of the overlapping.

#### **application**

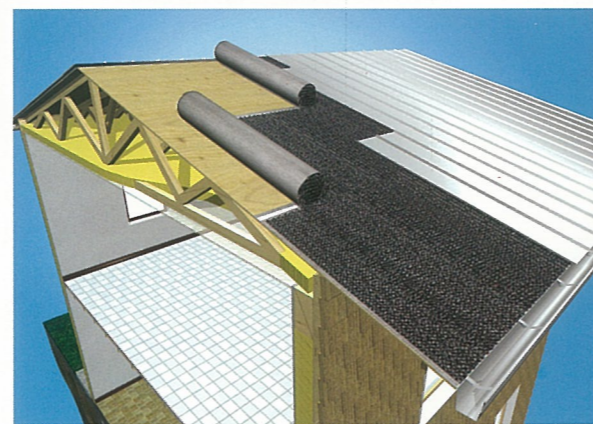
metal roofing, cedar roofing.

#### **benefit**

**K Roof** the best solution for:

- a permanent drainage channel for condensed moisture coming from inside and outside the building
- avoiding corrosion of metal (especially zinc or galvanised steel)
- a thermal break
- easy installation
- ensuring prevention of moisture from clogging & weeping
- reduction of noise from rain

**K Roof Easy** (K Roof without breathable membrane) should be used in case in the construction of the roof there is already a breathable membrane.



### **T Ridge: roof ventilation**

**T Ridge** is the most effective way to defend residential roofs from the overheating and the moisture build up. The best place to vent your attic is on the ridge: **T Ridge** the efficient ventilation system.

## Siding

### **K Side: drainage channel, moisture protection**

**K Side** is the best system to protect walls from the destructive effects of moisture.

Usually, the moisture vapour and the rainfall remain trapped in between the siding and house wrap. This situation can have a negative impact on the performance of all kind of siding systems.

#### **description**

Three dimensional mesh of Polypropylene monofilaments, UV stabilized, tangled and welded where they cross laminated to a waterproofing but vapour diffuser membrane. The butyl strip on the edge allows a perfect waterproofing of the overlapping.

#### **application**

**K Side** can be used for the following "siding systems":

- wood
- fiber-cement
- EIFS systems
- brick
- vinyl
- stucco

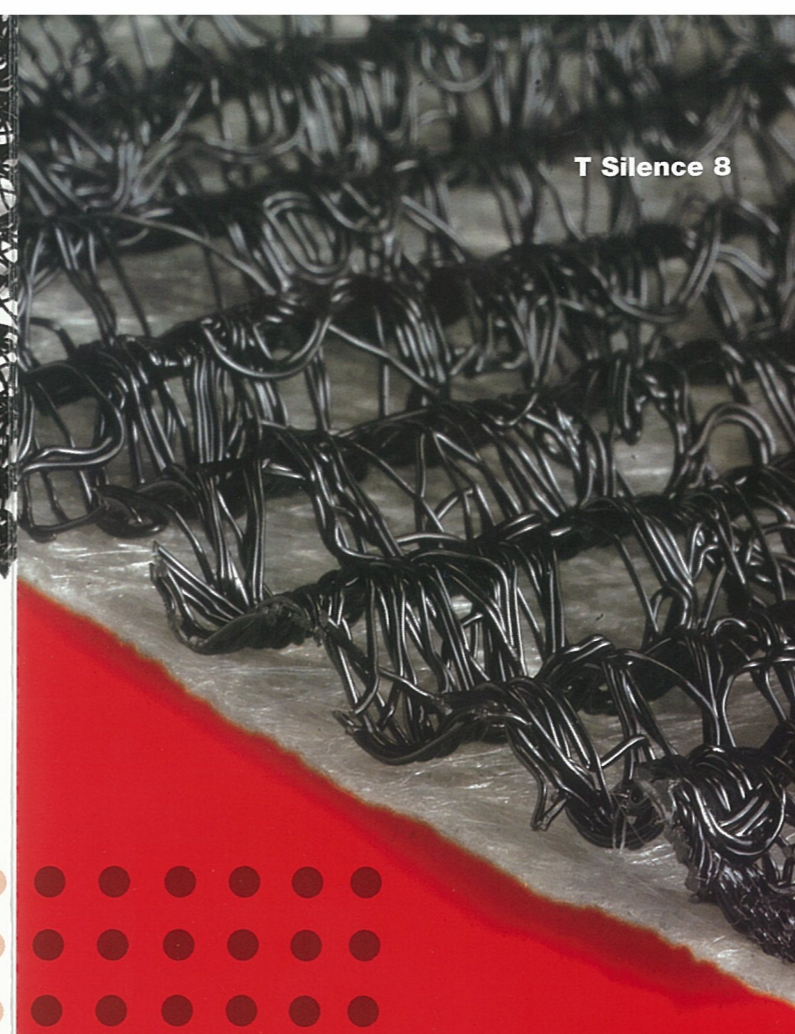
#### **benefit**

**K Side** is the best solution for:

- drainage of condensed moisture
- a permanent air gap for drying
- a thermal break
- the house wrap to dry (reducing damage from moisture)
- easy installation

**K Side Easy** (K Side without breathable membrane) should be used in case in the construction of the siding there is already a breathable membrane.





## Cavity wall

### Super Bridge: channel for drainage of moisture

**Super Bridge** creates an efficient solution to guarantee your home a long life without moisture problems and efflorescence.

The excess mortar creates a mortar bridge on the inner wall and facilitates mold, rot and even structural issues. In case of bridge between the brick wall and the interior wall you will have moisture intrusion and a limited ventilation in the cavity.

Prevents efflorescence in your brick wall and Keeps your building interiors dry... ventilation is assured from the top of the masonry wall to the bottom of the weep vent.

The specialists recommend a 2,0 inch cavity in all masonry applications.

In commercial construction this recommendation is sometimes accomplished.

In residential construction, a 1,0 inch cavity is most common.

#### description

Three dimensional mesh of Polypropylene synthetic monofilaments, UV stabilized, tangled and welded where they cross.

#### application

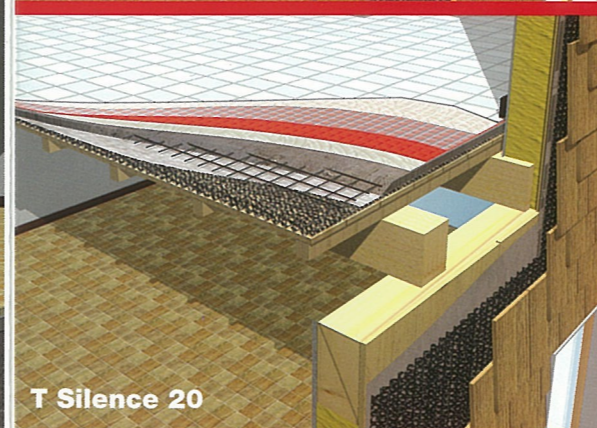
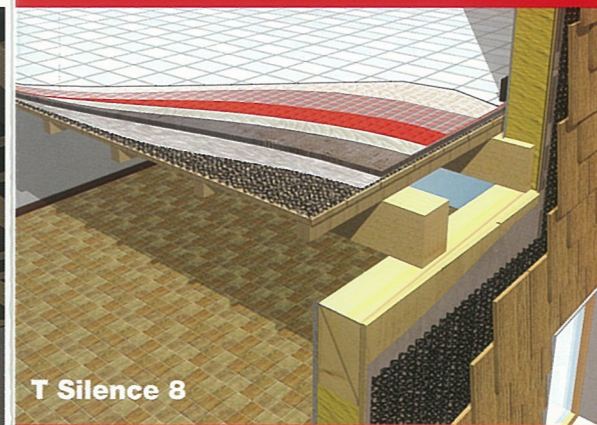
Ideal for:

- commercial and residential masonry cavity wall
- commercial and residential masonry cavity wall with additional insulation
- stone cavity wall

#### benefit

**Super Bridge** is the best solution for:

- prevention of moisture from clogging and weeping
- easy installation
- prevention of mold
- cavity drainage and ventilation



T Silence 8

T Silence 20

T Silence 8

T Silence 20

## Floor underlayment

### T Silence: sound proofing

**T Silence** is a zig zag /jagged (T Silence 8) or cuspidated (T Silence 20) geometric patterned core, designed to limit impact noise between floors. It is produced from a polymer matrix of tangled monofilaments. The monofilaments are heat welded at the junctions to form a resilient structure that absorbs noise.

**T Silence** is the sound reduction solution for floor systems, even with open beam, concrete slab and conventional wood frame system.

#### description

**T Silence** consists of a Polypropylene core of fused, entangled filaments attached to a non-woven fabric.

#### application

Ideal for:

- multifamily construction
- radiant heated flooring when pumped with light weight concrete or gypsum
- hard surface: concrete, stone, tile vinyl and hardwood
- topping layers light weight concrete mortar beds and plywood
- many types of sub floors

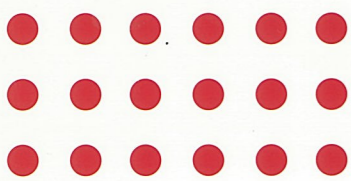
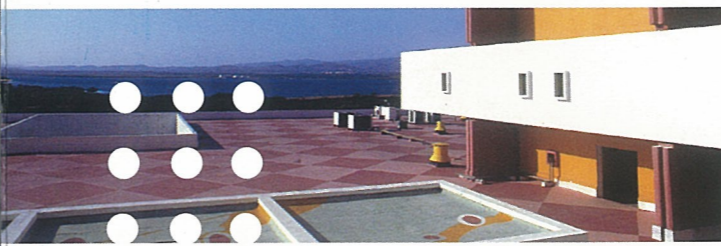
#### benefit

**T Silence** is the best solution for:

- excellent performance in reducing low frequencies sound
- performance in wood frame construction and in concrete structures
- minimal deflection and no creep or long term degradation
- providing a thin profile for tight construction light weight assemblies
- easy handling

### T Crack: horizontal crack absorption

**T Crack** (orange membrane plus filter fabric) absorbs the in-plan movements of the gypsum-concrete underlayment in case of cracking and avoids the delamination of the tiled surface.



TeMa is based in Italy and manufactures synthetic subterranean drainage and waterproofing products. With more than 10 years' experience in the industry, principally in foreign markets, TeMa also has manufacturing plants in Spain, Turkey and Russia and provides support to its customers all over the world.

In view of this success TeMa now intends to tackle the worldwide market through its **T Build** range of products designed and manufactured at its Vittorio Veneto plant where TeMa has installed the latest equipment capable of manufacturing the biggest products on the market.

TeMa offers customers support delivered by highly qualified engineers and other expert staff who sharpen their skills by interacting on a daily basis with customers all over the world and with scientific and research institutes all over the world.



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