DYNATAPE®

EDGE INSULATING TAPE

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Edge Insulating Tape For Floor Heating Applications

Edge insulating tape for floor heating applications is used around the edge of a room in order to provide expansion gap to the floor when the floor heats and cools.

Expansion joints are very important as a floor-heating is "functional as long as it is used". Pipes of heating system and concrete sub-ground can be expandable and shrinkable due to temperature difference. Dynatape **Edge Insulating Tapes** absorb this impact laterally, and the joints created prevent the possible cracks on the ground. When the edge insulating tapes are not used, you can never be sure whether or not the ground cracks.

Dynatape **Edge Insulating Tapes** manufactured from closed cell PE foam with high elasticity provides a high degree of construction quality.

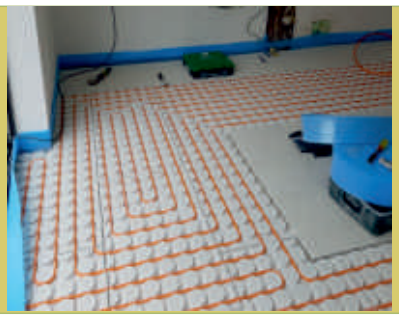
Self-adhesive edge insulating tape with PE-film and practical structure, water heated by boiler or combiboiler will heat the screed passing through floor heating pipes. Edge insulating tape prevents the heated screed from cooling down when useful heat is passing through the walls. Therefore, it provides a lot of energy saving.

At least 8 mm edge insulating tape should be selected for floor heating grounds.

Areas of Usage
Self-adhesive edge insulating tape provides a soft and stressless passage between ground and wall junction points and also prevents the passage of sound by absorbing impact sound.

It is used as a limit tape at the edge and end points of thin screed which automatically spreads.

It can be used as a dilation tape at the wall endpoints for flooring ceramics, natural stone, and ready-mixed concrete plates.



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Edge Insulating Tape For Screed Applications

Edge insulating tape for screed applications separates the screed from adjacent components. Through this method, sound transmission from one point to another is prevented or limited. Therefore, in a house, transmission of impact sound to the walls of a room is declined, and transition of sound to the wall and adjacent component is prevented.

Correct material;
Currently, there are several materials used for this purpose. However, the best and common material is edge insulating tapes manufactured from PE foam.
Considering sound insulation, polyethylene foam edge insulating tapes which are highly compressible and usually as heavy as possible provide the highest sound insulation.

Generally, an edge insulating tape in minimum 5 mm thickness is required for the grounds without floor heating.

Film strip in the edge insulating tape should be selected for flow screeds / low viscosity screed since the film avoids the working of the rear side together with built-in construction foils; thus, hinders the contact of the screed with other components.

Edge insulating tape without foil film coating can be selected for all non-viscous screeds.

Note that a screed should be floating for a good impact sound insulation and should be on an insulating layer and the walls should be separated with an edge insulating tape.

In general, edge insulating is secured with a nail as a wrong application. The nail will minimize the effect of the insulation due to the fact that it causes the sound bridges to be transmitted through the screed applied.

It is extremely simple to apply.
It can be compressed in a robust way.
It is easy to be floored from a roll.
It can be manufactured as film-coated and film-uncoated
It provides good sound insulation.
It has an excellent price/performance ratio.
it is usually manufactured as a strip.

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Product Options

Standard Edge Insulating Tape

Product Code	Thickness mm	Height mm	Length m	Package Roll	Package m
S05700	5	70	25	14	350
S05100	5	100	25	10	250
S05150	5	150	25	6	150
S08700	8	70	20	14	280
S08100	8	100	20	10	200
S08150	8	150	20	6	120
S10700	10	70	15	14	210
S10100	10	100	15	10	150
S10150	10	150	15	6	90

Optionally, it can be manufactured with different features and in different sizes

Broadband Edge Insulating Tape

Product Code	Thickness mm	Height mm	Length m	Package Roll	Package m
GB05700	5	70	25	14	350
GB05100	5	100	25	10	250
GB05150	5	150	25	6	150
GB08700	8	70	20	14	280
GB08100	8	100	20	10	200
GB08150	8	150	20	6	120
GB10700	10	70	15	14	210
GB10100	10	100	15	10	150
GB10150	10	150	15	6	90

Optionally, it can be manufactured with different features and in different sizes

With Strip Tape Edge Insulating Tape

Product Code	Thickness mm	Height mm	Length m	Package Roll	Package m
3BS05700	5	70	25	14	350
3BS05100	5	100	25	10	250
3BS05150	5	150	25	6	150
3BS08700	8	70	20	14	280
3BS08100	8	100	20	10	200
3BS08150	8	150	20	6	120
3BS10700	10	70	15	14	210
3BS10100	10	100	15	10	150
3BS10150	10	150	15	6	90

Optionally, it can be manufactured with different features and in different sizes

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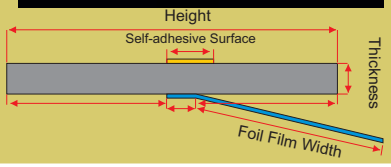
Product Options

Foil Film with Strip Tape Edge Insulating Tape

Product Code	Thickness mm	Height mm	Length m	Package Roll	Package m
3BF05700	5	70	25	14	350
3BF05100	5	100	25	10	250
3BF05150	5	150	25	6	150
3BF08700	8	70	20	14	280
3BF08100	8	100	20	10	200
3BF08150	8	150	20	6	120
3BF10700	10	70	15	14	210
3BF10100	10	100	15	10	150
3BF10150	10	150	15	6	90

Optionally, it can be manufactured with different features and in different sizes

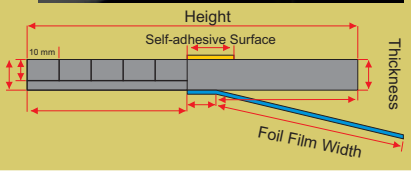


With Strip Tape Foil Film and Slotted Edge Insulating Tape

Product Code	Thickness mm	Height mm	Length m	Package Roll	Package m
3BFY05150	5	150	25	6	150
3BFY05200	5	200	25	5	125
3BFY08150	8	150	20	6	120
3BFY08200	8	200	20	5	100
3BFY10150	10	150	20	6	120
3BFY10200	10	200	20	5	100

Without leaving knife scars on the wall and plaster, there are multiple tear slots for rapidly cutting edge insulating tapes.

Optionally, it can be manufactured with different features and in different sizes

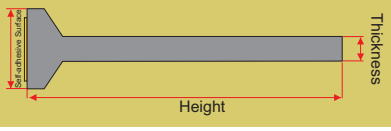


T Expansion Joint Profile

Product Code	Thickness mm	Height mm	Base mm	Length m	Package m
T1060200	10	60	40	200	150
T1060180	10	60	40	180	135
TB1060200	10	80	40	200	150
TB1060180	10	80	40	180	135

It is used as an expansion joint for cutting the screed to be applied to large areas into small pieces. Optionally, it

Optionally, it can be manufactured with different features and in different sizes



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Technical Specifications

Features	Relevant Standard	Values
Type of Material	TS EN 1602	(LDPE) Polyethylene Foam
Foil Film	TS EN 1602	HDPE 30-60 micron
Density	TS EN 1602	LDPE Foam 25-30 kg/m³ HDPE Foam 950 kg/m³
Thermal Conductivity Coefficient	TS EN 12667	0,035 W/m.K (0 °C) 0,040 W/m.K (+10 °C)
Water Absorption	TS EN 1609	0,1 Kg/m²
Compressive Strength*	TS EN 826	For 30 kg/m3; Min. 32 kPa (25% Compression) Min. 71 kPa (50% Compression) Min. 184 kPa (75% Compression)
Fire Resistance	TS EN 13501-1	E (Standard Product)
Use Temperature **		- 40 / + 100 °C
Impact Sound Insulation Value	EN 10140 - 3 ISO 717-2	37 dB
Chemical Resistance		It is not affected by acid, base and other chemicals.
Storage		Protect against sunlight, keep away from flame source and do not store in poorly ventilated environments.
Environmental Impacts		Standard products with closed pore do not contain heavy metals and HCFC and CFC gases.




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