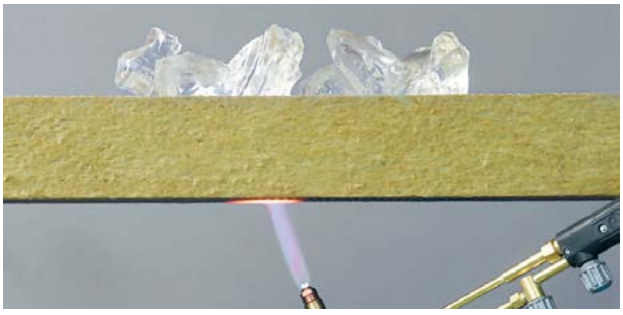
TECHNONICOL

TECHNONICOL STONE WOOL

ROOFING MATERIALS



EFFECTIVE THERMAL INSULATION

Stone wool is a highly effective insulating material. By thermal efficiency, it is ready to compete with the reference insulator – air in a stationary state. High resistance to thermal transfer is achieved by retaining a large amount of air in a stationary state within the insulation thanks to the use of closely intertwined finest fibers of mineral wool. Thermal insulation based on stone wool by TECHNONICOL Corporation has a number of technical and performance advantages created during the production stage.

KNOWLEDGE. EXPERIENCE. CRAFTSMANSHIP.

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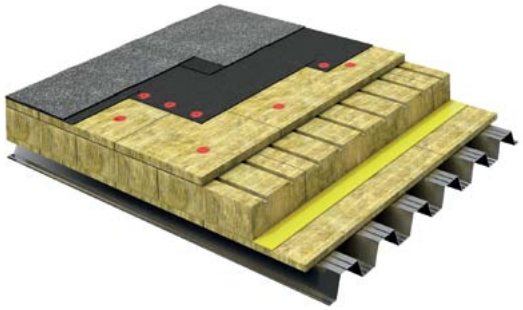
TECHNOROOF N

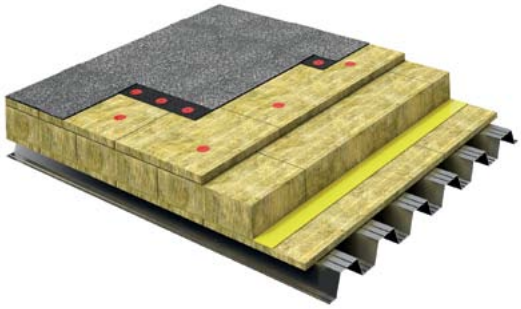
TECHNOROOF N is a nonflammable water-repellent thermal and sound insulation slabs of mineral wool based on basalt rocks. It is used as a bottom thermal insulation layer on flat roofs in new constructions or reconstructions of industrial and civil buildings and structures.



PROPERTIES	Thermal conductivity, λd, W/m*C	Compressive stress, 10%, kPa	Short term water absorption, kg/m²	Point load, N	Reaction to fire, euroclass	Thickness, mm step 10 mm	Length, mm	Thickness, mm
N 30	0.036	CS(10) 30	WS < 1	250	A1	50-200	1200, 2400	600, 1200
N 35	0.036	CS(10) 35	WS < 1	300	A1	50-200	1200, 2400	600, 1200
N 40	0.036	CS(10) 40	WS < 1	350	A1	50-140	1200, 2400	600, 1200

TECHNOROOF V

TECHNOROOF V is a nonflammable water-repellent thermal and sound insulation slabs of mineral wool based on basalt rocks. It is used as a top thermal insulation layer on flat roofs in new constructions or reconstructions of industrial and civil buildings and structures.



PROPERTIES	Thermal conductivity, λd, W/m*C	Compressive stress, 10%, kPa	Short term water absorption, kg/m²	Point load, N	Reaction to fire, euroclass	Thickness, mm step 10 mm	Length, mm	Thickness, mm
V 50	0.038	CS(10) 50	WS < 1	650	A1	30-100	1200, 2400	600, 1200
V 60	0.038	CS(10) 60	WS < 1	700	A1	30-100	1200, 2400	600, 1200
V 70	0.040	CS(10) 70	WS < 1	750	A1	40-100	1200, 2400	600, 1200

TECHNOLITE

TECHNOLITE is used as a thermal insulation layer in new constructions or reconstructions of civil buildings and structures. Designed for thermal insulation of: framed partitions, lag floors, cold attic floors, mansard roofs ventilated facade (the first interior layer in two-layer insulation).

PROPERTIES	Thermal conductivity, λd, W/m*C	Compressive stress, 10%, kPa	Short term water absorption, kg/m²	Dimensional stability, %	Reaction to fire, euroclass	Thickness, mm step 10 mm	Length, mm	Thickness, mm
EXTRA	0.038	CS(10) 0.5	WS < 1	DS(70,-) < 1	A1	50-200	1200	600
OPTIMA	0.036	CS(10) 0.5	WS < 1	DS(70,-) < 1	A1	40-200	1200	600

Specialist advise and information on other compactible products is available on:

WWW.TECHNONICOL.EU