

Product trade name: **DACO-KSD-H**
cold self-adhesive vapour barrier
with aluminium composite layer

Product-number: 10399

Product-standard: DIN EN 13970

Length, width: 20,00 x 1,08 m
Thickness: 1,00 mm
Coating type: Polymer bitumen
Reinforcement: Aluminium compound and glass fleece

Characteristics according to DIN EN 13970	Test method/ Classification	Units	Requirements/ Critical value
Visible defects	DIN EN 1850-1	-	no visible defects
Length	DIN EN 1848-1	m	≥ 20,00
Width	DIN EN 1848-1	m	≥ 1,08
Straightness	DIN EN 1848-1	mm/10 m	< 20
Mass per unit area	DIN EN 1849-1	kg/m ²	unverifiable result
Thickness	DIN EN 1849-1	mm	1,00 (± 10 %)
Water tightness	DIN EN 1928 Method B	-	passed at 100 kPa
Tensile properties: maximum tensile force	DIN EN 12311-1	N	≥ 400/300
Tensile properties: elongation	DIN EN 12311-1	%	≥ 2/2
Flow resistance at elevated temperatures	DIN EN 12311-1	° C	≥ + 100
Flexibility at low temperatures	DIN EN 1109	° C	≤ - 30
Water vapour transmission properties	DIN EN 1931	m	sd ≥ 1.500
Reaction to fire	DIN EN 11925-2	-	Class E according to DIN EN 13501-1
Peel resistance of joint	DIN EN 12316-1	-	unverifiable result
Shear resistance of joint	DIN EN 12317-1	-	unverifiable result
Resistance to impact	DIN EN 12691	-	unverifiable result
Resistance to static loading	DIN EN 12730	-	unverifiable result
Dimensional stability	DIN EN 1107-1	-	unverifiable result
Artificial aging	DIN EN 1296	-	unverifiable result

Customer Information:

GEORG BÖRNER

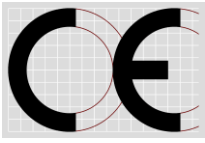
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Reserving changes. The indicated technical values refer to the date of production.



Purpose:

DACO-KSD-H is used as a high-quality vapour barrier (functional layer) on non aerated layers of steel deck sub constructions. The following roof layers (insulation, sealant, etc.) have to either be mechanically fixed or by means of an extra load secured against lifting forces (e.g. wind suction).

Application:

The application of **DACO-KSD-H** is carried out in accordance with DIN 18531, the nationally valid "Regulations for roofs with sealant – flat roof regulations" and the "abc of bitumen membranes". The membrane, which is laminated with separator stripes on the bottom side, has to be adhered to the top chord of the profiled steel sheet with a joint overlap of at least 8 cm.

All joint overlaps have to be unrolled with a draw roll. The built in functional layer of **DACO-KSD-H** is not a 100 % rainproof. Further roof layers should therefore be added bit by bit.

Dusty, oily and greasy surfaces have to be cleaned and degreased and require being primed with **BÖCOPLAST PM**. The surface has to be primed if the outside or surface temperatures are below + 5° C. When applying **DACO-KSD-H** on a moulded surface appropriate measures have to be taken to prevent perforation of the membrane.

Chemical resistance:

DACO-KSD-H is water-resistant as well as resistant to watery solutions of salt, diluted non oxidising acids and bases. Aliphatic and aromatic hydrocarbons as well as chlorine hydrocarbons, oils and greases loosen **DACO-KSD-H**.

Storage:

Cool and dry. Protect from direct sunlight. The product should be used within 3 months of the delivery date otherwise the surface has to be primed with **BÖCOPLAST PM** first.

Safety data sheet:

Supplementary safety data sheet is available on request.