VAPOUR BARRIER 110

INDEX

1. Code Registry

2. Description

3. Use

4. Features

5. Technical specification

1. CODE REGISTRY

Code	Description	Dimensions (m)	Weight	Colour	Pkg. / Pallet
LUC70-9053	Vapor Barrier Difu Stop 140	1,50 x 50	110 gr/m²	Transparent white	75 m² / 30 rolls

MATERIAL Made of PE (polyethylene)

GENERAL FEATURES	STANDARD OF REFERENCE	UNIT	NOMINAL VALUE	TOLERANCE	
				Minimum	Maximum
LENGTH	EN 1848-2	[m]	> 50	-	-
WIDTH	EN 1848-2	[m]	1,5	-0,5%	+1,5%
STRAIGHTNESS	EN 1848-2	-	conforming	-	-
THICKNESS	EN 1848-2	[mm]	0,22	-0,02	+0,02
VAPOR DIFFUSION RESISTANCE FACTOR - μ	-	-	181818,18	-	-
VAPOR PERMEABILITY Sd	EN 1931	[m]	40	-	-
BASE WEIGHT	EN 1849-2	[g/m²]	110	-10	+10
VISIBLE DEFECTS	EN 1850-2	-	free of visible defects		
NORMATIVE PART					
REACTION TO FIRE	EN 13501-1 EN 11925-2	[class]	F	-	-
RESISTANCE TO WATER PENETRATION	EN 1928	[class]	conforming	-	-
WATER VAPOR TRANSMISSION PROPERTIES (SD)	EN 1931	[m]	40	-10	+10
DETERMINATION OF RELEASE OF HAZARDOUS SUBSTANCES IN INDOOR ENVIRONMENT	EN 16516		conforming		
MAXIMUM TENSILE STRENGTH MD / CMD	EN 12311-2 EN 13859-1	[N/50mm]	> 220 / > 190	-	-
ELONGATION MD / CMD	EN 12311-1 EN 13859-1	[%]	> 15 / > 15	-	-
TEAR STRENGTH MD / CMD	EN 12310-1 EN 13859-1	[N]	> 155 / > 145	-	-
DETERMINATION OF IMPACT RESISTANCE	EN 12691	-	npd	-	-
JOINT STRENGTH	EN 12317-2	[N]	npd	-	-
RESISTANCE TO DEFORMATION UNDER LOAD	EN 13984	-	npd	-	-
ALKALI RESISTANCE	EN 13984 EN 12311-2	-	npd	-	-
DURABILITY OF WATER VAPOR RESISTANCE AGAINST AGING	EN 1296 EN 1931	-	conforming	-	-
HAZARDOUS SUBSTANCES			npd		

MD - Machine Direction, CMD - Cross Machine Direction, npd - no performance determined

This data sheet supersedes and replaces all previous ones. The information contained herein is accurate to our present knowledge.
Dakota Group S.a.S. assumes no responsibility or liability with respect to the information given. Dakota Group S.a.S. reserves the right to change speci cations and models without prior notice. Dakota Group S.a.S. - Via Don Cesare Scala, 55 - Brentino Belluno (VR) - Italy - tel. 045-6284080 - fax. 045-6284075 www.dakota.eu - info@dakota.eu o u cio.tecnico@dakota.eu

VAPOUR BARRIER 110

2. DESCRIPTION

Universal reinforced barrier consisting of a polyethylene sheet reinforced with a tear-resistant mesh to be used against vapor and moisture penetration in the construction of pitched or flat roofs, vertical walls or ceilings, placed parallel or transverse to rafters, directly under thermal insulation. Contains no hazardous substances.
Roll of 1.50 x 50 m individually wrapped in cellophane.
Measured heat 1500 J/gm K
Thermal conductivity 0.04(W/(m·K))
This product does not contain any dangerous substances

3. USE

Used to reduce the passage of vapor while still ensuring its proper migration, it eliminates the risks of condensation and ensures the effectiveness of the insulation.
Protects against water, air and wind infiltration.

4. FEATURES

- - Airtightness.
- - Low water vapor permeability.
- - Avoids dew point formation in insulation.

In addition:

- - Ensures the durability and effectiveness of the insulation.
- . Suppression of condensation risks.
- - Reduction of thermal bridges.
- - Healthy rooms thanks to “breathing” walls.
- - Ensures dryness of insulation and wood structures.
- - Ideal for all types of insulation.
- - Allows the migration of water vapor present in the insulation to the interior of the premises.

5. TECHNICAL SPECIFICATION

Specification	Description	Unity	Price
Dak.R.LUC70.9053	Supply and installation of vapor barrier. 1.50 x 50 m roll. Individually wrapped in cellophane. Made of polyethylene. Grammage 110 gr/m2. Provides an Sd value of 40 m. Used to reduce the passage of vapor while still ensuring its proper migration, eliminates the risks of condensation and ensures the e cacy of the insulation.	roll	-

This data sheet supersedes and replaces all previous ones. The information contained herein is accurate to our present knowledge.
Dakota Group S.a.S. assumes no responsibility or liability with respect to the information given. Dakota Group S.a.S. reserves the right to change speci cations and models without prior notice. Dakota Group S.a.S. - Via Don Cesare Scala, 55 - Brentino Belluno (VR) - Italy - tel. 045-6284080 - fax. 045-6284075 www.dakota.eu - info@dakota.eu o u cio.tecnico@dakota.eu