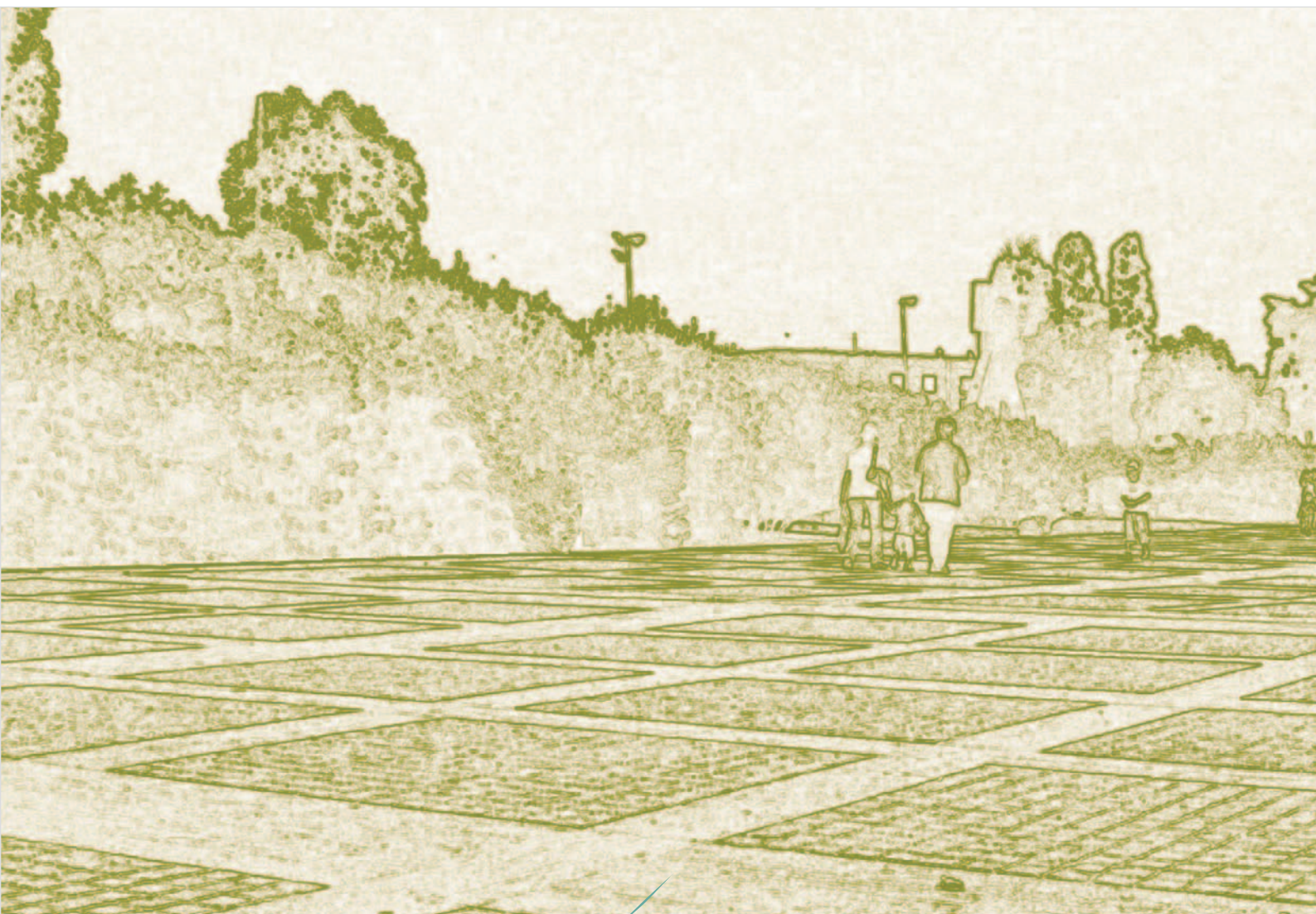


flexine ZF



FLEXINE

FLEXINE ZF

CHARACTERISTICS

A synthetic waterproofing membrane produced by the coextrusion of modified polyolefin granules with glass mat reinforcement that ensures dimensional stability in time; its high resistance to weather, UV rays, very low temperatures and exceptional mechanical performance are the result

of the special formula of the basic polymer, the production technology and quality control procedures used.

USE

FLEXINE ZF applied as a single or double layer is used to waterproof flat and slightly inclined roofing with or without thermal insulation and with a layer of fixed ballasting (cement screed, protection hood, flooring keyed on mortar etc.); FLEXINE ZF is laid dry and the membrane nailed at the base of the vertical embossments after laying a separation, creep or protection layer. The membrane should be laid only by skilled staff; the complete design of the laying system and structural details by the Casali Technical Office and the specific characteristics of the material, ensure waterproofing that is sure to enhance the security and value of the roofing over the years.

SPECIFICATIONS

Application of a waterproofing system by dry laying a polyolefin membrane with glass mat reinforcement: ... mm FLEXINE ZF produced by Casali S.p.A. is resistant to the mechanical stress to which it is subjected by the layer systems and use and has high dimensional stability. The values of the characteristics requested are shown by the technical data sheet.

The joint seams should be hot welded using a manual and/or automatic welding machine by a skilled welder holding the qualification certificate issued by the manufacturer; the finishing details (including the mechanical fixing at the base of the vertical embossments) should be authorised by the same. **FLEXINE ZF is not resistant to UV rays** so that the exposed sections of the covering should be waterproofed with Flexine ZM of equivalent thickness.



FOUNDATION AND UNDERGROUND STRUCTURES



NOT FOR PEDESTRIAN TRAFFIC



ROOF GARDENS



VEHICLE TRAFFIC



PEDESTRIAN TRAFFIC



INDUSTRIAL



REPLACEMENT



INCLINED



ARCHITECTURAL

	U.M.	1,5	1,8	2,0	2,4
Thickness (UNI EN 1849-2)	mm	1,5	1,8	2,0	2,4
Air mass (UNI 1849-2)	Kg/sq.m.	1,5	1,8	2,0	2,4
Width UNI EN 1848-2	m	2,0 m	2,0 m	2,0 m	2,0 m
Length UNI EN 1848-2	m	20,0 m	20,0 m	15,0 m	15,0 m
Rectilinear UNI EN 1848-2	mm	$g < = 50$	$g < = 50$	$g < = 50$	$g < = 50$
Flatness DIN 16726/5.2	mm	$p < = 0$	$p < = 0$	$p < = 0$	$p < = 0$
Tensile strength (L/T) UNI EN 12311-2	N/50mm	> 1000	> 1000	> 1000	> 1000
Elongation at break UNI EN 12311-2	%	> 500	> 500	> 500	> 500
Flexibility at low temperatures (UNI 495-5)	°C	-40 °C	-40 °C	-40 °C	-40 °C
Dimensional stability (UNI EN 1107-2)	%		+/-0/-0,12 +/-0,12	+/-0/-0,16 +/-0,08	+/-0,15 +/-0,15
Static punching on soft support (UNI 8202/11)	PS	5	5	5	5
Dynamic punching on rigid support (UNI 8202/12)	PD	3	3	3	3
Waterproofing (UNI EN 1928)	6h at ,5MPa	conforms	conforms	conforms	conforms
Resistance to roots (UNI 8202/24)	-	FLL	FLL	FLL	FLL
Vapour diffusion coefficient (DIN 16726 5.15)	μ	< 90000	< 90000	< 90000	< 90000

Casali's Technical Office offers a consulting service, assistance and information on the correct use of the products. Phone +39 071 9162095 infotecnica@casaligroup.it