



PRODUCT	Dermalastik 200T
MISSION	Multipurpose water-based waterproofing product, formulated with bitumen, selected elastomeric resins and special additives.
CHARACTERISTICS	<p>Dermalastik 200T is a liquid sheath made of acrylic resins, pigmented, with a high possibility of uses and high elasticity.</p> <p>The product can be used for:</p> <ul style="list-style-type: none"> - Waterproofing and protecting, both vertically and horizontally, on a wide range of materials such as cement surfaces, concrete and plaster; metal; glass; old bituminous coverings to be restored; bituminous slate membranes; plaster; plasterboard; wooden roofs; ceramic floors; bathrooms; showers and toilets. - Joining bitumen-polymer membranes, only on slate membranes. - As a primer for laying cementitious materials such as tile adhesives; protective cement plasters in the case of foundations; cement mortars for bedding tiles and roof tiles in the case of sloping roofs. - Bonding of insulating panels on porous supports. - Diluted at 50% it can be used as an anti-dust primer and constitutes in itself a waterproof surface on which to apply one or more coats of the product as is. <p>Dermalastik 200T also has a series of numerous advantages, such as: Excellent adhesion to the substrate; excellent elastic and waterproofing properties; durability over time; resistance to atmospheric agents and UV rays; resistance to non-permanent water stagnation; ease of installation; walkable (not for continuous traffic); odorless and non-flammable; non-toxic product, free from solvents.</p>
APPEARENCE	Thixotropic paste

CHARACTERISTICS OF THE LIQUID PRODUCT			
CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Specific weight (NI EN ISO 2811-1)	1,50	± 0,05	Kg/dm ³
Dry mass residue (UNI EN ISO 3251)	77	± 4	%
Brookfield viscosity (UNI EN ISO 3219) (rotor n.6, speed 10 rpm)	39000	± 26000	cPs

CHARACTERISTICS OF THE DRY PRODUCT			
CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Direct traction adhesion on wood/metal (UNI EN 1542)	1,70	± 0,06	N/mm ²
Elongation at break (UNI EN 12311)	> 200		%
Cold flexibility (UNI EN 1109)	- 10		° C
Permeability to CO ₂ (UNI EN 1062-6)	SD > 50 m		
Water vapor permeability (UNI EN ISO 7783)	class I (SD < 5 m)		
Permeability to free water (UNI EN 1062-3)	w < 0,1 Kg/m ² · h ^{0,5}		
Direct traction grip (UNI EN 1542)	≥ 1 N/mm ²		
Abrasion resistance (Taber test) (EN ISO 5470-1)	< 3 g		
Impact resistance (EN ISO 6272-1)	class III (≥ 20 Nm)		
Crack Bridging Ability (method A) (UNI EN 1062-7)	class A5 (≥ 10 mm)		



La Casali S.p.A. si riserva di modificare senza alcun preavviso i dati contenuti nella presente scheda tecnica. L'uso, sia proprio sia improprio, del prodotto indicato nella presente scheda, ricade sotto l'esclusiva responsabilità dell'utilizzatore che è tenuto a una valutazione preventiva dell'idoneità del prodotto alle proprie esigenze, nonché, alla massima cura nell'utilizzo di qualsiasi prodotto chimico. L'Ufficio Tecnico della Divisione Sintetici Casali resta a disposizione per chiarimenti e per rispondere a richieste specifiche derivanti dalla natura dell'opera (tel. 071 9162095).



RESISTANCE TO STATIC INDECTION		
LOAD	LOAD CATEGORY	OUTCOME
150 N	P2	Water tightness of the product: L2 LEVEL (WITH LOAD CATEGORY P2)

RESISTANCE TO DYNAMIC INDENTATION		
LOAD	LOAD CATEGORY	OUTCOME
L2	20 mm	Water tightness of the product: L2 LEVEL

APPLICATION INSTRUCTIONS			
TOOLS	THINNING	TYPE OF THINNER	TOOL CLEANING
Spatula	Ready-to-use		Water
Scraper	Ready-to-use		Water
Roller	Ready-to-use		Water
Brush	Ready-to-use		Water

APPLICATION METHOD	<p>Apply Dermalastik 200T preferably in two coats, leaving a waiting time for the application of each coat on the previous one of 12-24 hours, depending on the temperature and humidity conditions of the environment. To speed up the application times, the second coat can be applied fresh on fresh if the first has been reinforced, although it is preferable to wait until the following day.</p> <p>On surfaces greater than 10 m² for vertical applications or on stressed supports, it is recommended to reinforce Dermalastik 200T with a suitable non-woven polyester fabric reinforcement drowned in the first coat while still fresh. It is advisable to wash the work tools with water immediately after use; after hardening the product should be removed with hot water or with diluent.</p>
---------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

LAYING SURFACE	<p>Make sure that any loose, crumbly or non-adherent parts, paint, rust, dust and release oils are removed. Thoroughly clean the surfaces, which must be solid, uniform, dry and, in the case of concrete surfaces, must not have been previously treated with anti-evaporation products. It can also be applied on slightly damp surfaces ($\leq 5\%$ by weight for screeds with a density of 2000 kg/m³). The substrates to be treated must be mature and seasoned and must not have defects or irregularities that would lead to the application of excessive thicknesses of product and that would compromise regular drying. Before application, it is advisable to check the solidity and efficiency of the water drainage points of the surface to be waterproofed. Waterproofing details with bitumen-polymer membranes must be carried out before laying the membrane (avoid reversing the laying phases). Check that there is no rising damp or counter-thrust of water.</p>
-----------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



CONSUMPTION	Product consumption varies depending on the support and the desired thickness; on average, to obtain a 1 mm dried film, the quantity of product used will be approximately 1.5 kg/m ² . Average product consumption with 2 coats without reinforcement approximately 1.5-2 kg/m ² , with reinforcement approximately 2.0-2.5 kg/m ² . The maximum application thickness (in 2 coats) is approximately 3 mm.
--------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

APPLICATION INSTRUCTIONS	Ambient temperature MIN 10°C – MAX 35 °C
---------------------------------	------------------------------------------

DRYING AT 23° C AND 50 % U.R.	Drying time out of touch: 90-120 minutes Drying time for recoating: 24-48 hours The times indicated refer to standard laboratory conditions. Drying times are strongly influenced by weather conditions; high temperatures and direct sunlight accelerate drying; shadows, low temperatures, high humidity slow down drying. In winter, concentrate the application in the central and hottest hours of the day. Always check that the previous layer is dry before proceeding with a new application.
--------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

WATERPROOFING PRODUCTS, APPLIED IN LIQUID FORM, TO BE USED UNDER CERAMIC TILES BONDED WITH ADHESIVES	
PERFORMANCE FEATURES	PRODUCT PERFORMANCE
Initial Tensile Adhesion	> 0,5 N/mm ²
Tensile adhesion after immersion in water	> 0,5 N/mm ²
Tensile adhesion after thermal aging	> 0,5 N/mm ²
Tensile adhesion after freeze-thaw cycles	> 0,5 N/mm ²
Tensile adhesion after contact with lime-saturated water	> 0,5 N/mm ²
Waterproof	Waterproof
Crack Bridging Ability (a -5 °C)	> 0,75 N/mm

PACKAGING INSTRUCTIONS	COLOURS AVAILABLE Black – Red - Grey	PACKAGING 20 Kg.
STORAGE INSTRUCTIONS	STORAGE TEMPERATURE MIN 5° C – MAX 40° C	STABILITY IN THE ORIGINAL PACKAGE 24 months
SAFETY STANDARDS	Please read the safety data sheet carefully before using this product.	

