PRODUCT	# Casafloor
MISSION	POLYURETHANE CEMENT POLYMER FOR PARKING LOTS, THICKNESS 2-6 MM
CHARACTERISTICS	Casafloor is a polymeric cement based self-flow mortar for leveling uneven surface and sealcoat with polyurethane coating designed especially for car parking floors. For both old parking areas that needs improvement and new parking areas, especially areas where the concrete surface is incompletely polished and not smooth.
APPEARENCE	Cement appearing. Any color available based on RAL color chart

CHARACTERISTICS OF THE LIQUID PRODUCT

CHARACTERISTICS	**U.M.**
Compressive Strength (ASTM C109)	≥ 400 KSC (Cube)
Abrasion Resistance Test (ASTM C944-99)	Not Over 5.47 gm (Weight Loss)
Flexural Strength Test (ASTM C348) Not less than 6.87 N/mm_2	Flexural Strength Test (ASTM C348) Not less than 6.87 N/mm_2
Slip Resistance (BS7976 Pendulum slip testing) Dry Slider 96 not less than 63	Slip Resistance (BS7976 Pendulum slip testing) Dry Slider 96 not less than 63. Wet Slider 96 not less than 33
Tear Strength (ASTM D624 (Die B)) Not less than 80.3 KN/m	Tear Strength (ASTM D624 (Die B)) Not less than 80.3 KN/m
UV Resistance (ASTM G154-12a) at 336 hours, No dust	UV Resistance (ASTM G154-12a) at 336 hours, No dust
Chemical Resistance (ASTM D1308-02 (2013)) Hydraulic Oil – Not changed	Chemical Resistance (ASTM D1308-02 (2013)) Hydraulic Oil – Not changed. Gasoline – Not changed Diesel Oil – Not Exchanged
Waterproofing Resistance Not less than 1.19 N/mm_2 (ASTM D412, ASTM D2240 & ASTM D624)	Waterproofing Resistance Not less than 1.19 N/mm_2. Hardness not less than 86.6 Shore A not less than 10.59 N/mm
Moisture Barrier (ASTM E96/E96-M16) Below 199 gm/sqm/day	Moisture Barrier (ASTM E96/E96-M16) Below 199 gm/sqm/day

SURFACE PREPARATION	Prepare the surface using scarifying machine, shot blasting machine or grinding machine. The surface must be damp but with no standing water before application of product.
MIXING AND INSTALLATION	Mix together Component A 25 kg/bag with Component B 3.2 kg/container and gradually add 3.2 liters of water to the mixture using a low-speed electric mixer until a homogenous mixture is obtained. Use Arena Rake. When applying the second coat, apply transversely as the first coat.
CONSUMPTION	Coverage depends on the substrate situation, porosity and thickness.

Casali ABM Co., Ltd.
101/74 Moo4 Soi 10A Bang gruay Sainoi Road., Sanoloy, Bangbuathong, 11110 Nonthaburi, Thailand
Tel. +66 (0) 2571 3221 www.casaliabmsea.com
VAT num. 0125562010118

CHEMICAL PROPERTIES	Once the it has been installed, it has good resistance to water and various oils. Please consult the representative for resistance of other chemicals.
TRAFFICABILITY	24 hours Light Traffic 2 days Normal Traffic 7 days Full cured

APPLICATION INSTRUCTIONS	Temperature limit during application: MIN 5°C - MAX 40°C. When applying the product indoors use appropriate breathing equipment.
DRYING AT 23° C AND 50 % U.R.	On surface: 30 – 60' At touch: 100' – 140' Intrval beetween coatings: 3 h The times shown are for standard laboratory conditions. The drying times are strongly influenced by the weather; high temperatures and direct sunlight accelerate drying; shadows, low temperatures and high humidity levels delay drying. In winter the product should be laid in the warmer hours in the middle of the day. Always ensure that the previous layer has cured properly before applying a new coating.

CHARACTERISTICS OF THE DRY PRODUCT

CHARACTERISTICS	**VALUE**	**U.M.**
Frass brittle point of oxidized bitumen	- 10	° C
Dow penetration at 25 °C of bitumen	10 – 20	Dmm
PA Softening Point of bitumen	90 – 100	° C

PACKAGING INSTRUCTIONS	Component A = 25kg/bag Component B = 3.2 kg/pail

Casali ABM Co., Ltd.
101/74 Moo4 Soi 10A Bang gruay Sainoi Road., Sanoloy, Bangbuathong, 11110 Nonthaburi, Thailand
Tel. +66 (0) 2571 3221 www.casaliabmsea.com
VAT num. 0125562010118