

PRODUCT IDENTIFICATION

Commercial Reference:
SPLASH

Product Reference:
SPLASH BLUE

Format:
200 X 600 X 8,0 mm

PHYSICAL PROPERTIES

Features		Test	Prescribed Value	Love Tiles
	Water absorption	ISO 10545 - 3	$E > 10 \%$	13 - 18 %
	Modulus of rupture	ISO 10545 - 4	$\geq 12 \text{ Nmm}^{-2}$	$\geq 18 \text{ Nmm}^{-2}$
	Thickness	ISO 10545 - 2	$\pm 10 \%$ (máx $\pm 0,5 \text{ mm}$)	$8,0 \pm 0,5 \text{ mm}$
	Coefficient of linear thermal expansion	ISO 10545 - 8	Required	$\leq 75 \times 10^{-7} \text{ }^{\circ}\text{C}^{-1}$
	Resistance to thermal shock	ISO 10545 - 9	Required	GUARANTEED
	Crazing resistance	ISO 10545 - 11	Required	GUARANTEED

CHEMICAL PROPERTIES

Features			Test	Prescribed Value	Love Tiles
	Resistance to stains	Green staining agent in light oil (Cr_2O_3)	ISO 10545 - 14	Minimum: 3	4
		Red staining agent in light oil (Fe_2O_3)	ISO 10545 - 14	Minimum: 3	—
		Iodine	ISO 10545 - 14	Minimum: 3	4
		Olive Oil	ISO 10545 - 14	Minimum: 3	4
	Resistance to chemicals	Hydrochloric Acid	ISO 10545 - 13	According to manufacturer requirements	GLB
		Potassium Hydroxide	ISO 10545 - 13	According to manufacturer requirements	GLB
		Citric Acid	ISO 10545 - 13	According to manufacturer requirements	GLB
	Resistance to swimming pool salts	Sodium hypochlorite	ISO 10545 - 13	Minimum: GB	GA
	Resistance to household chemicals	Ammonium chloride	ISO 10545 - 13	Minimum: GB	GA

PRODUCT IDENTIFICATION

Commercial reference:
SPLASH

Product Reference:
SPLASH CREAM

Surface:
GL

Format:
600 X 600 X 9,0 mm

PHYSICAL SPECIFICATIONS

Characteristics		Norm	Requirements	Love Tiles
	Water absorption	ISO 10545 - 3	$E \leq 0,5 \%$	$\leq 0,2 \%$
	Modulus of rupture (flexural strength)	ISO 10545 - 4	$\geq 35 \text{ Nmm}^{-2}$	$\geq 35 \text{ Nmm}^{-2}$
	Breaking Strenght		$\geq 1300 \text{ N}$	$\geq 1300 \text{ N}$
	Thickness	ISO 10545 - 2	$\pm 5 \%$ (máx $\pm 0,5 \text{ mm}$)	$9,0 \pm 0,5 \text{ mm}$
	Coefficient of linear thermal expansion	ISO 10545 - 8	As per manufactor	$\leq 75 \times 10^{-7} \text{ }^{\circ}\text{C}^{-1}$
	Thermal shock resistance	ISO 10545 - 9	Required	GUARANTED
	Resistance to surface abrasion - PEI	ISO 10545 - 7	Minimum 2 (Annex N)	4
	Frost resistance	ISO 10545 - 12	Required	GUARANTED
	Crazing resistance	ISO 10545 - 11	Required	GUARANTED
	Slipperiness	DIN 51130	As per manufactor	—
		DIN 51097	As per manufactor	—
		BS 7976	As per manufactor	—
		4S Slider	As per manufactor	—

CHEMICAL SPECIFICATIONS

Characteristics			Norm	Requirements	Love Tiles
	Resistance to staining	Green staining agent in light oil (Cr_2O_3)	ISO 10545 - 14	Minimum: 3	4
		Red staining agent in light oil (Fe_2O_3)	ISO 10545 - 14	Minimum: 3	—
		Iodine	ISO 10545 - 14	Minimum: 3	4
		Olive Oil	ISO 10545 - 14	Minimum: 3	4
	Resistance against acids and alkalis	Hydrochloric Acid	ISO 10545 - 13	Manufacturer to state classification	GLB
		Potassium Hydroxide	ISO 10545 - 13	Manufacturer to state classification	GLB
		Citric Acid	ISO 10545 - 13	Manufacturer to state classification	GLB
	Resistance to swimming pool salts	Sodium hypochlorite	ISO 10545 - 13	Minimum: GB	GA
	Resistance to household chemicals	Ammonium chloride	ISO 10545 - 13	Minimum: GB	GA