

The emulsion that makes the difference.



Elastam is a bitumen emulsion made from a highly modified bitumen. It is specially designed so that breaking, the residual bitumen is incorporated into the bitumen mix. Adding modified bitumen improves the properties of the final bitumen mix.

Main features

Elastam is the emulsion incorporated into the Rugofir system. Its characteristics permit joint application with the hot spreading of an ultrafine layer of bitumen mix. The high elasticity of the residual binder applied at the right viscosity means the residual bitumen that binds with the mixture creates a much richer mastic, which, as well as ensuring adherence between the layers, withstands both the stresses produced by linear traffic and the tangential and lateral stresses caused by turning wheels, thus increasing the working life of the wearing course. In addition, its impermeability makes it more resistant to frost and dirt. It is easier to clean and its SFC values are maintained, thus increasing the safety of the paving.



Main features of Elastam emulsion, which complies with standard UNE EN 13808 for an C65BP3 emulsion.

Features		Units	Standard	Class (*)	Specification	
					Min.	Max.
Characteristics of the emulsion						
Binder content	By water content	%	UNE EN 1428	7	63	67
	By distillation		UNE EN 1431		63	-
Characteristics of the binder recovered by evaporation (EN 13074-1)						
Penetration		0.1 mm	UNE EN 1426	3	-	≤100
Softening point		°C	UNE EN 1427	3	≥55	-
Elastic recovery at 25°C		%	UNE EN 13398	3	≥70	-
Torsional elastic recovery		%	NLT 329/91		≥60	-
Force ductility cohesion at 5°C		J/cm ²	UNE EN 13589-13703	2	≥2	-

(*) Complies with Standard UNE EN 13808:2013

