



SFORM DS 60

Universal green release agent

Technical Data Sheet October 2015

- DESCRIPTION** **Sform DS 60** is a liquid release agent composed of a mixture of silicones, fatty acids, and waxes solubilized, stably dispersed in water. It is indicated for both weather condition and hot temperature release.
- FEATURES** Thanks to its particular formulation, **Sform DS 60** allows to treat all kinds of formworks, thus making it easy to reproduce faithfully every detail. It allows an easy release. It does not leave any powder over the formwork surface. It makes form release easy and grants smooth and perfect surfaces without bubbles. All frameworks will result free from oils and anti-adhesive traces. It also protects metallic formworks from oxidation. It allows reducing both time and costs up to 30% if compared with traditional products. **It is absolutely non pollutant and more than 80% biodegradable.**
- USE** **Sform DS 60 is ready to use** and we suggest using it in its current state. It can be applied by spray, by brush, or by roll depending on the surface to treat. In order to obtain an easy and perfect form release, it is necessary to apply only a very small quantity of product so to obtain a thin and homogeneous layer. Smooth surfaces will require only one application, while surfaces that are more porous will require more layers of **Sform DS 60** (i.e. rough wood, gypsum or stone details, etc.) For the treatment of large surfaces or forms both horizontal and vertical, it is advisable to wait until the product has dried in order to avoid the concrete to remove the product through rubbing. In the dry state, it allows perfect release up to 100°C temperature. **Do not leave the frameworks treated with Sform DS 60 exposed to rain for long time to avoid the washing of the release agent.**
- N.B.** If frequent jumps in temperature or an excessive dilution should cause small colored irregularities on the surface of the product, it is enough to shake it or mix it gently to bring it back to the ideal conditions.

	Data	Method	
TECHNICAL DATA	State:	Liquid	Visual
	Colour:	Milky-white	Visual
	Density:	0.970 ± 0.020 kg/dm ³	IST. 10.06
	Hydrogen ionic concentration (pH):	8.50 ± 0.50	IST. 10.05
	Standard diluent:	Max 10% with water	
	Flammability:	Not flammable	
	Storage:	Store the product at temperatures between +5°C and 50°C	

DOSAGE

The yield depends on the porosity of the surface to be treated; however, the consumption will never be more than 0.05 l/m².

STORAGE AND VALIDITY

Sform DS 60 has a 6 months validity starting from the date of the delivery note, only if it is stored in the original containers kept perfectly closed and far from direct sunrays at a temperature between 5°C and +50°C

PRECAUTIONS

Sform DS 60 does not contain solvents and it is not flammable.

In case of contact with eyes, wash them with water immediately and plentifully, for not less than 15 minutes. If the irritation does not stop, turn to a doctor for medical treatment.

In case of contact with skin, wash it with plenty of water and soap.

In case of ingestion or inhalation, get medical advice.

Do not disperse the product, the can or the tank in the environment.

PACKAGING

25 liters plastic cans.

1000 liters tanks.

The specifications stated in this report have been got either through standardized tests and rules or their modifications following Pentachem systems. The methods applied can be requested to our technical service.

All the data stated in this technical sheet are based on our knowledge and experience. However, before using the item differently from indicated, it is advisable to carry out preventive tests. In any case, PENTACHEM does not assume any responsibility for any damage or defect caused by the use of our products, as the employment conditions are not under our control. We also inform that our technical service is at our customers' disposal for any information concerning the correct employment of our products.