



ADHOC SIRIO PEARL

range size grain total substance
50x70 LG 192

face material Papers certify FSC, made with E.C.F. pulp, treated on one side with a pearlescent finish. Available in Ice White shade.

technical features
standard/instrument
unit of measure

substance	VSA	stiffness Taber 15°		tensile strength	
ISO 536	ISO 534	ISO 2493		ISO 1924	
g/m ²	cm ³ /g	mN		kN/m	
		long±10%	trasv±10%	long±10%	trasv±10%
90 ± 3%	1,1	8	4	6	3

adhesive Modified acrylic adhesive in water-based emulsion. Adhesive suited to a wide range of applications, featuring high tack and adhesion values as well as good processing properties. Approved for indirect foodcontacts and corresponding to UNI EN 71 “toys security” norms.

technical features
unit of measure

tack	minimum cohesion	application temperature	minimum service temperature	maximum service temperature	
g/25 mm	hours	°C	°C	°C	
SUPERTACK	1200	3	+ 5	- 10	+ 80

backing sheet Single glazed and monosilicone coated white papers. Only available in box version without crack-back.

technical features
standard/instrument
unit of measure

substance	thickness	opacity	tensile strength	
ISO 536	ISO 536	ISO 2471	ISO 1924	
g/m ²	µm	%	N/15 mm	
			long	cross
85	92	84	70	40

notes Special runs for sizes and/or other adhesives available upon request.

The Company reserves the right to modify the technological features of the product in relation to market requirements.

Adhoc Sirio Pearl is a common used self-adhesive product, designed for promotional and decorative labels.

[applications](#)

Can be used with the main printing systems: letterpress, offset, blind embossing, hot-foil stamping, thermographic and screen printing. The surface has no porosity, so that inks do not dry through absorption into the media. Polymerisation in offset printing from the sheet takes place by means of oxidation, so that inks for plastics should be used. Excellent results have been achieved with U.V. inks and in web offset printing with Heat Set inks. The anchorage of the ink, once dry, is very good. It is also particularly important to check the other process variables, especially the fountain solution, which must be dosed at minimum levels to ensure that emulsifying is kept within modest levels. We recommend a buffered pH of 5÷5,5 with 800÷1200 µS conductivity. It may be appropriate to add small quantities of additives to the fountain solution and/or the ink to accelerate the ink polymerisation process. Anti-setoff spray powder is useful and low output stacks are necessary; we advise against the use of varnish online if used to avoid setoff. Drying times depend on the quantity of ink and process variables and may vary from 8-10 hours to more than 24 hours. Good results in the main cutting and die-cutting operations. The self-adhesive product requires stable temperature and relative humidity conditions (20-22 °C and 50-55% U.R); for a good storage we suggest to pile the sheets (on pallet) at a maximum height of 1 meter and do not stack pallets. If it is necessary to cut the sheets for the printing, we suggest to use a very sharp guillotine blade with an angle next to 20°, to cut the piles of a maximum height of 30 mm at a time, and using the lowest pressure possible in order to prevent adhesive bleed.

[general informations](#)

The shelf-life of a self-adhesive product is closely related, besides to storage conditions, to the nature of the adhesives and of the front materials used. At recommended storage conditions, the shelf-life is guaranteed for 18 months.

[shelf life](#)