



Sky Plast

Dielectric strength:
> 23 kV/mm
Degree of protection:
IP68 (in proper casings)

Bicomponent rubber in insulating, mouldable, self-extinguishing paste with high dielectric characteristics.

Thanks to Raytech's constant and careful research and development of new technologies comes Sky Plast, absolute technical innovation for covering, protecting, insulating, finishing and fireproofing any electrical and non-electrical component. Once the 2 components have been blended in a ratio of 1:1 (for max 2 min.) until uniform, it cross links quickly at room temperature in less than 5 minutes. After being wrapped around the component to be protected, Sky Plast quickly transforms into a layer of rubber with high dielectric and self-extinguishing characteristics.

- Mouldable, non-toxic and safe paste
- Low smoke and toxic and corrosive gases emission
- Able to replace taping, heat-shrinking, resin finishes
- Flexible and elastic
- Quickly ready for use



Installation sequence



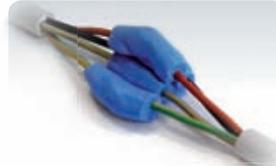
Installation examples



Cable gland sealing



Creation of LV terminals



Insulation of multiple connections



Cable head protection



Conduit protection



Drop line, bar, transformer through insulation



Tool insulation



Edge protection



On-site preparation of braces and supports



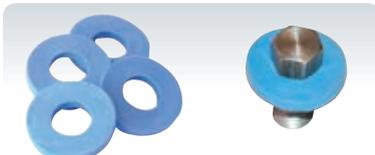
Preparation of deflectors, nozzles, flow deviators



Preparation on-site of expanders for inserts



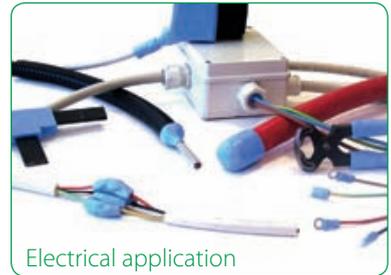
Preparation on-site of small moulds for reliefs



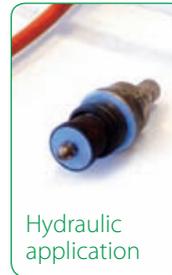
Preparation of bars, washers, round wire insulators



Preparation on-site of seals



Electrical application



Hydraulic application



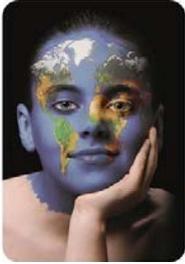
Generic use

Sky Plast

Product	Colour	Package type	Total quantity
Sky Plast	●	2 bicomponent cans	500 gr
Sky Plast 250	●	2 bicomponent cans	250 gr



Ray Tech



SKY PLAST

BICOMPONENT MOULDABLE PASTE

SKY PLAST is a polymer with fast cross linking at room temperature. It is supplied in 2 components which, once mixed in a ratio of 1:1, transforms in a very few minutes into an elastic, mechanically strong, self extinguishing, fire proof and insulating material.

The product is available in the following sizes:

- 250 gr and 500 gr can under trade name **SKY PLAST**
- 250 gr can under trade name **GALACTIC ANIMAL BARRIER**

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Appearance	-	-	Before mixing: Blue paste and White paste Final: Light blue
Specific gravity	-	Kg / dm ³	Approx 1,5
Working time at 23°C	-	min	Approx 2
Setting time	-	min	Approx 6
Fire characteristics	-	-	Self extinguishing
Operating temperature range	-	°C	-60 to 200
Shore A hardness	-	-	Approx 33
Tensile strength	-	MPa	Approx 0,9
Elongation at break	-	%	150
Dielectric strength	-	kV / mm	> 23
Volume resistivity	-	Ω cm	> 2 x 10 exp 16
Linear shrinkage during cross linking	-	%	Not significant