



## BAJAK UNDER WATER PUTTY 36826

CURING AGENT 66826

<b>Description:</b>	Bajak 36826 is a two-component solvent free epoxy polyamine putty for repairing pits cracks and voids in steel, concrete, wood and other surfaces. Has a unique ability to be mixed, applied and cured under water with an excellent anticorrosive efficiency in thick layer in severe corrosive environment.	
<b>Recommended use:</b>	As a hand applied repair compound for application to under water blasted steel and concrete and splash zone areas to protect against corrosion.	
<b>CERTIFICATE &amp; APPROVAL:</b>	Approved and applied by Iranian Off-shore Oil Company (IOOC).	
<b>Service temperature:</b>	Maximum Wet: 50°C/ 122°F	Dry: 93°C/ 200°F

### PHYSICAL CONSTANTS:

Colours:	Olive Green
Finish:	Flat
Volume Solid:	100%
Theoretical spreading rate:	0.16 M2 /Liter - 6000 micron DFT.
Flash point:	100 °C/212° F
Specific gravity:	1.7 kg/liter
Surface dry:	2 hours at 20 °C/68 °F(ISO 1517) in dry condition.
Dry to touch:	2 -3 hours at 20 °C/68°F. (ISO 1517) in dry condition.
Dry to handle:	8 hrs.at 20 °C/68°F. in dry condition.

The physical constants are subject to normal manufacturing tolerances.

### APPLICATION DETAILS:

<b>Base 36826 :</b>	Curing agent 66826
<b>Mixing ratio:</b>	1 . 1 by volume
<b>Application method:</b>	Hand molding or palette knife
<b>Pot life:</b>	Working time at 20°C, below and above water:
	Golfball size mix: 40 minutes
	Baseball size mix: 30 minutes
	½ gallon mix: 15 minutes
	Working time is reduced by half at temperature above 27°C.
<b>Cleaning of tools:</b>	THINNER 08020
<b>Indicated dft:</b>	6000 microns / 240 mils

## 2.BAJAK PUTTY 36826

### **SURFACE**

New Steel: Abrasive blasting to minimum Sa 2½ or high pressure water blasting is recommended. The surface must be completely clean at the time of application.

### **PREPARATION:**

A surface profile of 3-4mils (75-100 microns) is recommended.

For applying to bare steel under water or permanently in wet conditions the surface should be prepared by power diskling or by needle gun to achieved a clean, roughened surface in accordance with SSPC-SPI 1, power tool cleaning.

Repair and maintenance: Remove oil and grease, etc with suitable detergent. Clean damaged areas thoroughly by power tool cleaning to St 3 (minor areas) or by abrasive blasting to min. Sa 2, preferably to Sa2½.

Concrete: Abrasive blasting. The surface must be completely clean at the time of application.

### **APPLICATION CONDITION:**

Use only on a clean surface. To facilitate stirring, the material temperature should in o case be less than approx. 20°C/68°F. Use one 5 liters can of mixed at a time.

### **PRECEDEING COAT:**

None.

### **SUBSEQUENT COAT:**

None.

### **REMARKS:**

#### **Film thicknesses:**

May be specified in another film thickness than indicated depending on purpose and area of use.

This will alter spreading rate and may influence drying time and recoating interval. Normal DFT is 6000 microns/ 240 mils.

### **Note:**

**BAJAK PUTTY 336826 is for professional use only.**

### **SAFETY:**

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult BAJAK material safety data sheets and follow all local and national safety regulations. Harmful or fatal if swallowed; immediately seek medical assistance swallowed. Avoid inhalations of possible solvent vapors or paint mist, as well as paint contact with skin and eyes. Apply only on well-ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant. Always take precautions against the risks of fire and explosions.

### 3.BAJAK PUTTY 36826

**Application procedure:**

Apply by hand, trowel or broad knife. Spread material smoothly onto the surface in a 3.1 to 6.4 mm thick layer using enough pressure to displace water and air bubble. Smooth out the area by hand. When starting another mix, start spreading at and away from the previous applied film. This will help prevent trapped air bubbles or leaving an area uncoated.

When applied underwater or when wetted with water during application, the surface of 36826 will form an emulsified lighter green "scum" layer. This layer is normal and facilitates application. The film under the scum layer remains undisturbed and will cure properly. The scum layer will cure and become part of the finish when 36826 is cured above water, however, this layer will remain soft and uncured when the 36826 is kept underwater during curing.

**Mixing & Thinning:**

**Mixing:**

Mix part A (36826) to one part B (66826) by volume. Mix by hand scooping a quantity of the A component from the can and then scoop the same quantity of the B component from its can. Mix and knead the two components by hand until the yellow and black colors have combined to make a uniform olive green color. Apply this mixture immediately after mixing; no sweat-in time is required. To assist in mixing, keep the gloved hands and the materials wet with water during the mixing process.

**Thinning:**

Not recommended.

Do not mix more material than can be applied in the working times listed. The material may still appear to be workable after the time limit is exceeded, but it will not properly adhere to the substrate after application and curing.