

## **TECHNICAL SPECIFICATIONS: WETPROOF 55**

Water Resistance Additive for Starch Based Adhesive

### **Characteristics :**

**WETPROOF 55** is a thermosetting ketone aldehyde in aqueous solution, specially formulated to impart water resistance to starch based corrugating adhesives.

### **Properties :**

<b>Properties</b>	<b>Units</b>	<b>Results</b>
Appearance	--	Colored aqueous solution
Oven solids (2hrs / 120°C)	%	54.0 – 56.0
pH	--	6.0 – 7.5
Viscosity (25°C)	mPa.s	30 - 50
Specific gravity (20°C)	g/ml	1.165 – 1.195
Free Formaldehyde	%	Less than 0.1
Shelf life	--	12 months

### **Water Resistance:**

WETPROOF 55 fully complies with the F.E.F.C.O. Bond test No. 9

### **Conforms to FDA:**

WETPROOF 55 is fully acceptable for FDA applications (per Regulation 21 CFR 175.105) as an additive to a corrugating adhesive.

### **Normal Usage**

WETPROOF 55 is to be added to ready for use, caustic catalyzed starch based adhesives.

A special effort was made to develop a resin that should bring any alkaline corrugating adhesive to the maximum water resistance with no dependence on the adhesive cooking method

The data provided is for reference only, and is not a statement of warranty.