

Process: **PLASITE® 3070**

- Typical features:**
- high resistance to chemicals
 - meets FDA Requirements

PLASITE® 3070 is a bake coating using an unmodified phenolic resin with superior resistance to acids and solvents. Conforms to many of the current VOC regulations.

Areas of application: Tank lining for solvents, acids, hot water, food products
As a protective coating for machinery parts, filterpress plates, fans, etc.

Properties:	Characteristic:	phenolic resin
	Colour:	ivory (medium)
	Gloss:	27 @ 60°
	Thickness:	app. 190 – 350 µm
	Surface hardness:	Konig Pendulum Hardness of 173 seconds (Glass Standard = 250 seconds); ASTM Method D4366-84.
	Abrasion resistance:	47.76 milligrams average loss per 1000 cycles, Taber CS-17 Wheel, 1000 gram weight.
	Thermal shock:	Unaffected 5 cycles, minus 70°F/-56°C to plus 200°F/93°C
	Certifications:	PLASITE® 3070 meets the requirements of the U.S. Food and Drug Administration, 21 CFR 175.300; and 3070 has been accepted by the U.S. Department of Agriculture for use in direct food contact areas.
	Baking temperature:	204°C
	Pore analysis:	90 V (wet sponge)
	Pre-treatment:	anti-corrosive sandblasting (DIN EN ISO 12944-4)

For planing and producing of constructions to be coated, the guidelines of DIN EN 14879-1:2005 must be noticed strictly.