

Interpolymer offers Laboratory Test data comparing an all-acrylic floor finish based on the **Syntran A170** against a leading all-acrylic commercial floor finish on page 2 and a starting point formulation on page 3 of this document.

SYNTRAN A170 ALL-ACRYLIC POLYMER

Bench Test Results

TEST SAMPLES	SYNTRAN A170 F-17-032-20	ALL ACRYLIC LEADING COMPETITIVE BRAND
5 COATS ON BVT ASTM D1436 60°GLOSS (BLACK VINYL TILE)	44,75,82,87,92	39,73,80,81,85
5 COATS ON BCT ASTM D1436 60°GLOSS (BLACK COMPOSITE TILE)	19,44,59,72,81	19,47,64,72,74
LEVELING ASTM D1436	Excellent	Good
RECOATABILITY ASTM D3153	INITIAL FINAL Very Good Excellent	Very Good Excellent
WATER SPOT RESISTANCE ASTM D1793	INITIAL FINAL Excellent Excellent	Excellent Excellent
RUBBER HEEL MARK RESISTANCE ASTM D3714	Good	Fair
REMOVABILITY ASTM D1792	Fair	Very Good
DETERGENT RESISTANCE ASTM D3207	Excellent	Excellent
POWDER RESISTANCE ASTM D2048	Excellent	Excellent
CRAZING	None	None
SWARD ROCKER HARDNESS ASTM D2134	21	19
SLIP INDEX ASTM D2047	0.50	0.53
SOLIDS ASTM D2834	20%	20%
pH ASTM E70	8.2	8.4

DRY BRITE FLOOR FINISH BASED ON ALL-ACRYLIC **SYNTRAN® A170**

Formulation F-17-032-20 @ 22% N.V.

Maintenance Program: Suitable for low to medium maintenance programs with propane or electric machines and light to medium aggressive pads.

	<u>Pounds</u>	<u>Weight %</u>
<i>Mix in Order Listed:</i>		
Water	384.50	44.80
Biocide	Q.S	Q.S.
<i>Premixed Plasticizers:</i>		
Tributoxyethyl Phosphate	19.30	2.20
Diethylene Glycol Ethyl Ether (low gravity)	40.70	4.70
1% Active Zonyl FSO	7.10	0.80
Texanol	8.10	0.90
Syntran® A170 @ 38% N.V.	353.30	41.10
Syntran 6150 @ 40% N.V.	22.90	2.70
Syntran PA-1465 @ 38% N.V.	24.10	2.80
Defoamer	Q.S.	Q.S.
YIELD:	860.00	100.00

pH: 8.6 ± 0.2

Polymer/Resin/Wax Ratio: 88 / 0 /12

Weight Per Gallon: 8.51

04/04