



Interpolymer offers 2 Laboratory Tests comparing floor finishes based on the **Megatran 220** against leading commercial floor finishes

- UHS **Frequent** Burnishing Maintenance Programs using **Hard** Pads is located on page 2 of this document.
- UHS **Occasional** Burnishing Maintenance Programs Using **Soft** Pads is located on page 3 of this document

LABORATORY TEST

UHS Burnishing Maintenance Program Frequent Burnishing, Hard Pads

MEGATRAN[®] 220

TEST SAMPLES	Megatran 220 Formulation F-20-087	Leading National Competitive Floor Finish
60° SPECULAR GLOSS 5 Coats on BVT (69°F / 21%R.H.) ASTM D1436	30,69,82,89,91	31,66,81,89,91
60° SPECULAR GLOSS 5 Coats on BVT (88°F / 80%R.H.) ASTM D1436	32,67,83,89,91	33,67,82,89,90
POWDER RESISTANCE ASTM D 2048	Excellent	Excellent
CRAZING	None	None
RUBBER HEEL MARK RESISTANCE ASTM D3714-82	Excellent 1.01	Very Good 1.04
LEVELING ASTM D1436	Excellent	Excellent
RECOATABILITY ASTM D3153	Very Good Excellent	Very Good Excellent
DETERGENT RESISTANCE ASTM D3207-82	Excellent	Very Good
REMOVABILITY ASTM D1792	Good	Very Good
WATER SPOT RESISTANCE ASTM D1793	Very Good Excellent	Good Very Good
PENCIL HARDNESS ASTM D 3363 on glass plate	2H	2H
SLIP INDEX ASTM D2047	.53	.55
SWARD ROCKER HARDNESS ASTM D 2134	28	24
SOLIDS ASTM D2834	25	25
pH ASTM E70	8.7	8.9

** *Pencil Hardness Scale*
6B-5B-4B-3B-2B-B-HB-F-H-2H-3H-4H-5H-6H

LABORATORY TEST

UHS Burnishing Maintenance Program Occasional Burnishing, Soft Pads

MEGATRAN[®] 220

TEST SAMPLES	Megatran 220 Formulation F-20-087	Leading National Competitive Floor Finish
60° SPECULAR GLOSS (69°F / 21%R.H.) ASTM D1455	48	46
60° SPECULAR GLOSS 5 Coats on BVT (69°F / 21%R.H.) ASTM D1436	29,70,82,88,91	28,67,80,88,91
60° SPECULAR GLOSS 5 Coats on BVT (87°F / 81%R.H.) ASTM D1436	35,71,83,88,90	33,72,81,84,85 Recoat
POWDER RESISTANCE ASTM D 2048	Excellent	Excellent
CRAZING	None	None
RUBBER HEEL MARK RESISTANCE ASTM D3714	1.01 Excellent	1.04 Good
LEVELING ASTM D1436	Excellent	Good
RECOATABILITY ASTM D3153	Initial Final Very Good Excellent	Good Very Good
DETERGENT RESISTANCE ASTM D3207	Excellent	Excellent
REMOVABILITY ASTM D1792	Good	Good
WATER SPOT RESISTANCE ASTMD1793	Initial Final Very Good Excellent	Very Good Excellent
PENCIL HARDNESS ASTM D 3363 on glass plate	2H	H
SLIP INDEX ASTM D2047	.55	.57
SWARD ROCKER HARDNESS ASTM D 2134	28	24
SOLIDS ASTM D2834	25	25
pH ASTM E70	8.6	8.8

** *Pencil Hardness Scale*

6B-5B-4B-3B-2B-B-HB-F-H-2H-3H-4H-5H-6H