



	CASTAGRA'S ECODUR	SILICONE	ACRYLIC	TPO	PVC	EPDM	SPF
SHORE D HARDNESS	45-50*	6-14	5-16	45-50	35-40	10-14	NA**
ADHESION	27+LB/LF	5-7LB/LF	13-17LB/LF	NA - SHEET	NA - SHEET	NA - SHEET	NA
SEAMLESS	YES	YES	YES	NO	NO	NO	YES
GREASE/CHEMICAL RESISTANCE	EXCELLENT	GOOD	POOR	POOR	GOOD	GOOD	NA**
REPAIRABILITY***	EXCELLENT	POOR	GOOD	OK	OK	POOR	GOOD
UV RESISTANCE	EXCELLENT, WILL DISCOLOR	EXCELLENT	WILL LOSE 1MIL/YEAR	GOOD	GOOD	EXCELLENT	NA**
HEAT RESISTANCE	EXCELLENT	OK	GOOD	POOR	GOOD	EXCELLENT	GOOD
CURRENT FORMULATION	25+ YEARS	20+ YEARS	15+ YEARS	APPROX. 5 YEARS	30+ YEARS	20+ YEARS	~40 YEARS
THICKNESS (MILS)	30 - NO MAX	18 TO 60	25 X 2	45, 60, 80	50, 60, 80, 115	45, 60, 90	1 TO 3"
PONDING WATER RESISTANCE	EXCELLENT	EXCELLENT	POOR	POOR AT SEAMS	EXCELLENT	POOR AT SEAMS	NA**
SELF LEVELING	YES	YES, SOME VARIETIES	NO	NA - SHEET	NA - SHEET	NA - SHEET	NO
CURING	ALL WEATHER/TEMPS	REQUIRES MOISTURE	BETTER WHEN ARID, HOT	NA - SHEET	NA - SHEET	NA - SHEET	MOST WEATHER/TEMPS

\* without additives. Foaming can reduce, thickening can increase.

\*\* SPF requires a topcoat, most commonly silicone or acrylic though dramatically improved when Ecodur is used.

\*\*\* See chart 1

**CHART 1**

**REPAIRABILITY KEY:**

<b>EXCELLENT</b>	Minimal prep. As strong as original.
<b>GOOD</b>	Minimal prep/tools. Almost as strong as original.
<b>OK</b>	Difficult prep/tools. Not as strong as original.
<b>POOR</b>	Difficult prep. Poor adhesion or repair strength.