



	CASTAGRA'S ECODUR	SILICONE	ACRYLIC	TPO	PVC	EPDM	SPF
SHORE D HARDNESS	45-50 <sup>1</sup>	6-14	5-16	45-50	35-40	10-14	NA <sup>2</sup>
ADHESION	27+LB/LI	5-7LB/LI	13-17LB/LI	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 <sup>2</sup>
REPAIRABILITY <sup>3</sup>	EXCELLENT	POOR	GOOD	OK	OK	POOR	GOOD
UV RESISTANCE	EXCELLENT, WILL DISCOLOR	EXCELLENT	WILL LOSE 1MIL/YEAR	GOOD	GOOD	EXCELLENT	NA <sup>2</sup>
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 <sup>2</sup>
SELF LEVELING	YES <sup>4</sup>	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

<sup>1</sup> Without additives. Foaming can reduce, thickening can increase.

<sup>2</sup> SPF requires a topcoat, most commonly silicone or acrylic though dramatically improved when Ecodur is used.

<sup>3</sup> See chart 1

<sup>4</sup> Ecodur 201R and Ecodur+ self level. Ecodur1 does not.

CHART 1

REPAIRABILITY KEY:

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

Last Updated: 05/09/2024