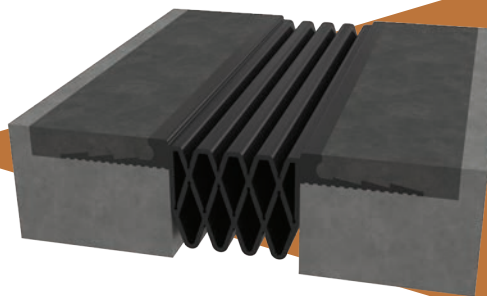




Direct Service Done Right



Seismic Wing Parking System

RECESSED BLOCKOUT APPLICATION (WS/WSw)

PRODUCT COMPARISON CHART

FEATURE/ PROPERTY	NYSTROM WS	Emseal Wabocrete Membrane Gen II	Lyntal Iso-Flex	MM Systems LMS
PRODUCT TYPE	Seismic Winged Parking System	Elastomeric membrane sealing expansion joint system	"Winged Expansion Joint Sealing System"	LokCrete Membrane Sealing System
APPLICATION	Parking + open air structures, vehicular loading, seismic & thermal movement	Parking structures, vehicular loading, seismic & thermal movement	Parking structures, vehicular loading, seismic & thermal movement	Parking & open-air structures, vehicular loading, seismic & thermal movement
INSTALLATION TYPE	Formed Blockout	Formed Blockout	Formed Blockout	Formed Blockout
MOVEMENT CAPABILITY	Accommodates thermal, structural, seismic	Accommodates seismic movements, shrinkage, & creep	Accommodates thermal & seismic movements	Accommodates expansion, contraction, shear, vertical, & rotational movements
JOINT WIDTH RANGE	2" - 6" Nominal	1¼" - 5½" Nominal	1½" - 6" Nominal	⅞" - 5" Nominal
MATERIAL / SEAL / NOSING	Elastomeric winged seal + elastomeric concrete	Elastomeric gland (Thermoplastic) + elastomeric concrete	Thermoplastic elastomeric seal + elastomeric concrete	Elastoprene membrane seal + elastomeric concrete
PHYSICAL PROPERTIES / GLAND	Tensile Strength~1015 psi - ASTM D-412	Tensile Strength~986 psi - ASTM D-412	Tensile Strength~1010 psi - ASTM D-412	Tensile Strength~4750 psi - ASTM D-412
	Elongation~473% - ASTM D-412	Elongation~570% - ASTM D-412	Elongation~450% - ASTM D-412	Ultimate elongation~10% - ASTM D-412
	Shore A~70 - ASTM D-2240	Shore A~63 - ASTM D-2240	Shore A~60 +5 - ASTM D-2240	Shore D~78 +5 - ASTM D-2240
	Tear Strength~30 kN/m - ASTM D-624	Tear Strength~29 kN/m - ASTM D-624	Tear Strength~24.2 kN/m - ASTM D-624	Tear Strength~35 kN/m - ASTM D-624
PHYSICAL PROPERTIES / BINDER & AGGREGATE	Compression Set, max 22hrs @70° F~ASTM D-395	Compression Set, max 22hrs @73° F~ASTM D-395	Compression Set, max 22hrs @73° F~ASTM D-395	Compression Set~48%~ASTM D-395
	Compressive Strength~3000 psi~ASTM C-579	Compressive Strength~2200 psi~ASTM D-695 Mod	Compressive Strength~1442 psi~ASTM D-695	Compressive Strength~2800 psi~ASTM D-695
	Resilience @ 5% deflection~98% +2~ASTM C-579	Resilience @ 5% deflection~95%~ASTM D-695	Resilience @ 5% deflection~96%~ASTM D-695	Resilience @ 5% deflection~95%~ASTM D-695
	Adhesion to concrete~450 psi~ASTM D-882	Adhesion to concrete~400 psi~Varies	Adhesion to concrete~422 psi~ASTM D-695	Adhesion to concrete~400 psi~ASTM D-421
DURABILITY / TRAFFIC / ENVIRONMENTAL	Vehicular traffic, exterior, UV, solvents & chemicals, seismic & thermal	Vehicular traffic, exterior, UV, solvents & chemicals, seismic & thermal	Vehicular traffic, exterior, thermal	Vehicular traffic, exterior, UV, solvents & chemicals, seismic & thermal
TRANSITIONS & CONTINUITY	Factory welded transitions - L's, T's, X's, Columns, Endcaps	Factory welded transitions - L's, T's, X's, Columns, Endcaps	Factory-molded transitions by request	Factory prefabricated transitions - L's, T's, X's, Columns, Endcaps
TRAFFIC READY CURE TIME	2 hours at 70° F	1 - 2 hours under conditions of ~ 70-90° F	4 - 6 hours when conditions are appropriate	2 - 6 hours under typical conditions