



RUBBER EXPANSION JOINT MATERIAL

Meets or exceeds the performance requirements of ASTM D1751-97 & D1752-84

Manufactured by
THE J D RUSSELL COMPANY

CONCRETE JOINT FILLER

REFLEX® is made of 100% recycled materials – largely discarded tires!

Did you know America discards over 250,000,000 tires every year? An estimated 3 billion tires clutter our dumps and yards! Why not specify a better performer, REFLEX®, and make the choice to help our environment?

Use REFLEX® on your next single family residence project and consume the equivalent of 8.3 passenger tires. As many as 300 tires can be recycled in just one mile of highway including associated drives, approaches, sidewalks and ramps.

GENERAL DESCRIPTION

REFLEX® Rubber Expansion Joint Material for Concrete is a processed board product formed by blending granular crumb rubber derived from discarded tires and various low density polymer components. Pre-molded under heat and pressure, REFLEX® is far more durable than current alternatives.

APPLICATIONS

REFLEX® Rubber Expansion Joint Material is suitable for use as expansion or control joint in a wide variety of concrete construction projects such as roadways, sidewalks, driveways, flooring, parking lots, patios and curbs.

TYPICAL PROPERTIES	REFLEX RUBBER
Compression (to 50% of original)	passes
Recovery (within 10 minutes)	99-100%
Extrusion	<0.10 inch
Density	40 lbs/ft ³
Water absorption	<2%
Ultraviolet light exposure	passes
Cold temperature exposure	passed@-80degreesF

SIZE AND THICKNESSES

Standard Sheet Sizes – 36" wide by 5', 10' and 12' long in thicknesses of 1/4", 3/8", 1/2" 3/4" and 1". Cut to size strips from 2" to 36" in 1/2" increments.

Submersion in salt solution, gasoline, diesel and motor oil resulted in no change in volume while mass increased indicating absorption of the fluids. No cracking or mechanical degradation occurred.

Durability: Exhibits favorable long term aging characteristics under laboratory testing conditions and will not degrade.

Non-Staining: Will not bleed or migrate to adjacent finished concrete surfaces like petroleum based products can do.

® Rubber Expansion Joint meets or exceeds the performance requirements of:

American Association of State Highway and Transportation Officials Specification M-213-95 and M-153-98.

Federal Specification HH-F-341f, Type 1.

American Society for Testing Materials Standard Specifications for Preformed Expansion Joint Fillers for Concrete Paving and Structural Construction D1751-97 and D1752-84 (1996).

www.reflexrubber.com

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