

## Product Data

# RC Assurance™

A Clip for Ceiling Isolation

### Description

RC Assurance™ is a steel clip designed to aid in the installation of resilient channels.

The product acts as an impenetrable washer between the channel and joist. The snap-on clip works with any resilient channel, but is specifically designed for use with RC Deluxe from Dietrich.

Developed several of decades ago, resilient channels are a staple in the multi-family industry. However, there are issues when installing resilient channels. The typical design and UL assembly call for a fastener of 1.0". The typical field installation utilizes a 1.25" or 1.5" fastener to aid in the "GRAB" of the screw to the channel. The result is that as much as 15% of the connections will be short-circuited, and the performance of the system compromised. Now, that lab-tested 52 becomes a field 42. The resilient channel needs another 0.375" to ensure that connections between the gypsum board and the joist assembly are limited. RC Assurance™ provides that space.

### Applications

- ✓ Multi-family construction: apartments and condominiums
- ✓ Tested floor and wall assemblies
- ✓ Designed for the most popular channels
- ✓ Single- or double- layer gypsum board applications
- ✓ Over 27 approved UL listings
- ✓ With every joist type: metal, open-web, "I" joist design and nominal 2" lumber

### Features and Benefits

Enables resilient channel to be installed correctly

With the correct installation, resilient channel can perform at levels equal to more expensive isolator clip assemblies

UL-listed and approved

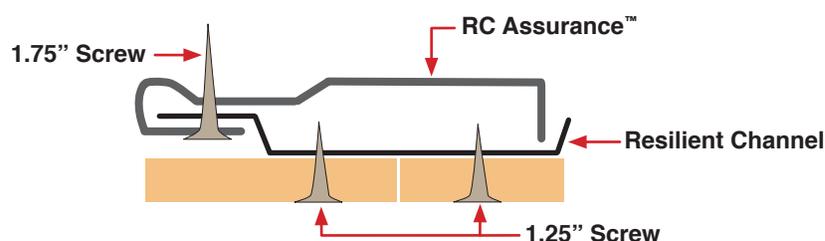
Cannot be penetrated

Push-down flange that prevents channel "ride"

Intersection of the channel and joist is protected from short-circuiting

Ease in installation; snap-on design

No laser alignment like isolator clips



Please see "Installation Instructions for RC Assurance™"

## Physical Properties

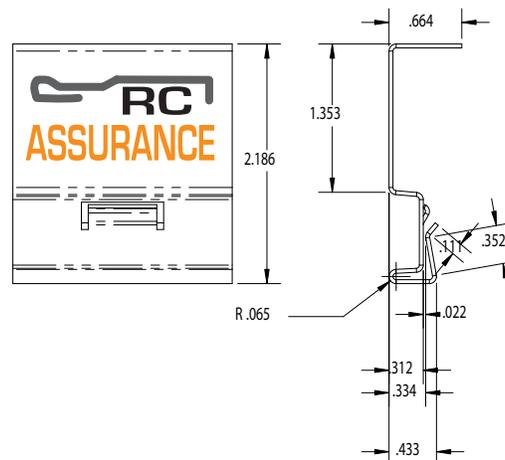
Description	Means of Measurement		Value	
	English	Metric	English	Metric
Thickness	Inches	Mm	0.3125	8.0
Total Weight	oz	g	1.0	682

## Packaging

Clips Per Box	500
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## Approved UL Listings

L502	L517	L523	L534	L547	L564	L575
L513	L518	L527	L535	L549	L568	L576
L514	L520	L528	L541	L550	L569	L585
L516	L521	L533	L545	L552	L570	



See installation instructions for methods and procedures.

**LIMITED WARRANTY:** Keene Building Products, Inc. warrants to the initial purchaser only that the goods sold hereunder will be free from defects in material and workmanship and, except as otherwise set forth herein, will conform to the specifications provided. If any failure to meet this warranty appears within one year from the date of shipment of the goods, on the condition that Keene Building Products, Inc. will correct any such failure by either replacing or repairing any defective goods, at Keene Building Products, Inc.'s option.

The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.

**QUIET QURL is a component in an overall floor/ceiling assembly. Its performance is affected by every other component and the likelihood of achieving code compliance is contingent upon many other trades including framers, plumbers, drywall contractors to name a few. Developers and general contractors are responsible for building properly and testing field performance as soon as possible in order to assure the reliability of the project.**

**WARNING:** Laboratory tests are not a guarantee of field performance because of the issues noted above and many other design errors that may occur. Please consult a professional acoustical consultant to assure plans are proper and that the floor/ceiling assembly can perform to expectations.



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