



Allegion - LCN
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Valued Customers,

Thank you for your inquiry on the "Lead Lined" cover options for LCN door closers. This cover option was discontinued from our product portfolio in early 2008.

LCN contacted the National Council on Radiation Protection & Measurement to determine the need to provide this option, where the Executive Director of the NCRPM responded, stating that lead-lining of door closer covers is no longer required.

Please see following page for copy of the communication verifying the fact that lead lined covers are no longer a required feature. Also included is the contact information for the NCRPM for direct inquiries on this subject.

As always, Thank You for your business.

Best Regards,

A handwritten signature in blue ink, appearing to read "Nathan Floyd".

Nathan Floyd
Allegion US
LCN Business Leader

A handwritten signature in black ink, appearing to read "Ian Heckman".

Ian Heckman
Allegion US
LCN Product Manager

Dear Mr. Barth:

This note is to respond to your email and letter regarding the following process:

“the door closer is typically attached with machine screws x sex bolts (thru-bolts), which require a hole through the entire thickness of the door. The door closer cover is lined with a thin layer of lead tape. LCN would like to discontinue this feature.”

NCRP Report No. 147 specifically addresses the issue of fasteners for lead-backed gypsum wallboard (page 16):

“X-ray images of wall segments show that insertion of the nails or screws does not result in significant radiation leaks. In fact the steel nails or screws generally attenuate radiation equally, or more effectively, than the lead displaced by the nails. Therefore steel nails or screws used to secure lead barriers need not be covered with supplementary lead.”

This statement will also hold true for the situation with doors described above; the additional lead tape is unnecessary.

Best wishes,
Dave

David A. Schauer, ScD, CHP
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