

SECTION 02 42 13 - REMOVAL AND SALVAGE OF CONSTRUCTION MATERIAL

RECLAMATION OF RESILIENT FLOORING

Armstrong Flooring, Inc.

Recycle Flooring Specifications

Please understand that you are responsible for the accuracy of all project specifications, including any Armstrong guide specifications that you use.

ARMSTRONG SHALL NOT BE LIABLE FOR ANY DAMAGES ARISING OUT OF THE USE OF ANY OF ITS GUIDE SPECIFICATIONS.

Updated: January 2017

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PART 1 – GENERAL

1.1 RELATED DOCUMENTS

Drawings and general conditions of Contract, including General and Supplementary Conditions and Divisions-1 Specification sections apply to work of this section.

1.2 SUMMARY

A. Section Includes:

1. Reclamation Plan for Resilient Flooring

B. Related Sections:

1. Section 01 93 16 – Recycling Programs
2. Section 09 65 00 – Resilient Flooring

1.3 DEFINITIONS

A. Armstrong: Armstrong Flooring, Inc.

B. Recycler/Consolidator/C&D Processor: The entity providing reclaimed material to Armstrong.

C. Contractor: Entity removing flooring for reclamation.

D. Common Carrier: Independent carrier utilized by Armstrong for delivering full trailers or LTL shipments of reclaimed flooring to Armstrong.

E. Directives: Armstrong's internal directives for heavy metals (lead, cadmium, chromium VI and mercury) and ortho-phthalates (e.g. DEHP/DOP, BBP, DnHP, DBP, DINP, DIDP, DNOP).

F. Storage containers: Gaylord boxes or bulk super sacks will be utilized to collect material on the job site at the discretion of Armstrong.

1.4 SUBMITTALS

A. Applicable LEED Credits: Meet the performance requirements for the following LEED Environmental Categories and Credits as indicated.

1. Material and Resources and Demolition Waste

- a. LEED v4 Prerequisite Construction and Demolition Waste Management Planning
- b. Credit MRc2: Construction and Demolition Waste Management

B. LEED Documentation:

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1. Submit data and information demonstrating compliance with LEED requirements.

C. Incorporate flooring into the project site Waste Management Plan as a material to be recycled.

1.5 QUALITY ASSURANCE

A. Materials Acceptable for Recycling:

1. All brands of 12 x12 vinyl composition tiles that do not fall into any of the categories set forth in subsection C below
2. All Commercial Luxury Vinyl Tile (LVT) with Diamond10™ Technology and I-Set® Installation System and Parallel® 20 and Parallel® 12.

B. Materials Accepted for Recycling Case-by Case (Contact the Armstrong Flooring On&On™ Floor Recycling Center at 877-276-7876 option 3):

1. Competitive brands of LVT after material is tested to meet Armstrong's directives.
2. Other Armstrong Vinyl Flooring

C. Materials Not Acceptable for Recycling:

1. Asbestos containing flooring.
2. Flooring installed with adhesives containing asbestos.
3. Flooring being removed from a location undergoing any type of asbestos or hazardous abatement.
4. Wet, moldy or weathered flooring tiles.
5. Flooring or storage containers which contain debris (garbage, construction waste).
6. Flooring not packaged according to packaging procedures set forth below.
7. Flooring or roll-off bins or containers, used by Demolition and Construction Specialists, which contain debris (garbage, construction waste).
8. Vinyl composition tiles containing aluminum oxide grit as present in slip retardant tiles.
9. Flooring being reclaimed that may have come into contact with asbestos containing material, hazardous waste materials or special waste.
10. Flooring installed over wood subfloors.
11. Static dissipative tile.

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D. For approval to recycle flooring, contact the Contact Armstrong Flooring On&On™ Floor Recycling Center at 877-276-7876 option 3. You will need to submit information where the flooring is located, including an asbestos report to verify the flooring tiles meet our requirements and for assistance to facilitate recycling.

E. Armstrong may reject flooring, if terms and conditions, set forth in this Reclamation Guide Specification, are not met.

F. Flooring material being reclaimed must be kept dry and free from debris.

1.6 PROJECT AND MATERIAL APPROVAL

A. Register Your Recycle Project: Contact the Armstrong Flooring On&On™ Floor Recycling Center at 877-276-7876 option 3, or email recycle@armstrongflooring.com.

B. Required information to approve your project for recycling:

1. Contact information for the recycle project.
2. Building information (Year of Building Construction, GC or Demo Contractor, Building use, copy of an asbestos survey, details on any prior or current abatement where flooring is removed or if there is a presence of any other potential hazards, for example: lead paint remediation).
3. Flooring Information – Manufacturer, date of install, type of adhesive used for install, were any “cure in place urethanes” used, quantity, color(s), timing, original proof of purchase.

PART 2 - PRODUCTS

Not used.

PART 3 EXECUTION

3.1 SCHEDULING, PACKAGING AND SHIPPING PROCEDURES

- Receive final project approval for recycling by the Armstrong Flooring On&On™ Floor Recycling Center.
- Armstrong Flooring to send storage containers, pallets and return authorization labels to approved project site.
- Recycler or contractor will remove flooring tiles to be recycled.
- Return authorization labels must be placed on all storage containers.
- Contact the Armstrong Flooring On&On™ Floor Recycling Center at 877-276-7876 option 3 to schedule a pick up. There are several return options available (see A, B, C)

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A. Full Truckload Procedure:

1. Armstrong Flooring to supply storage containers and pallets to project site based upon estimated return quantity. All storage containers sent must be returned to Armstrong. Storage containers lost onsite will be the responsibility, to include the cost of replacement, of the Recycler.

Armstrong will not accept other's storage containers and pallets unless preapproved by Armstrong.

2. Approved flooring materials will be contained, in a manner, allowing both secure shipment by trailer and the ability of Armstrong employees to safely inspect and unload the trailers' contents. For this reason, all approved flooring materials sent to Armstrong must be returned as follows:

a. Armstrong provides bulk super sacks stacked on 40"x48" pallet.

Bulk Super sack capacity 1,600 lbs. and should not exceed $\frac{3}{4}$ full.

b. Colors must be separated into different storage containers when possible. This enables efficient processing of recycle.

3. Storage containers and pallets must be kept dry. Wet material is not acceptable and will be returned. Storage containers must be labeled with return authorization labels per Armstrong requirements.

4. Pallets must be secured within trailers to prevent shifting in transit. Carriers will provide load stabilizers.

5. Armstrong will pay for the return freight of full trailers of approved material, all of which are defined as a minimum of 31,200 square feet or twenty-four palletized (40"x48"pallets) storage containers. Proper loading equipment must be available at the job site. This is the responsibility of the recycler.

6. It is the recycler's responsibility to ensure that only full trailer loads of approved flooring materials are shipped.

B. Less Than Full Truckload Procedure:

1. Where the amount of approved flooring materials from a site is insufficient for a full trailer load, a local recycler/consolidator may elect to consolidate approved flooring materials in a secure and dry location, until a full trailer load is ready for shipment. The recycler/consolidator will ensure that all such aggregate shipments are and remain clearly labeled as to their origin and date of approval by an Armstrong employee. Coordinate with recycler/consolidator on best reclaiming options depending on job site loading conditions and equipment available.

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2. Recycler/consolidator/C&D Processor will assist in supplying storage containers and pallets supplied by Armstrong.

3. When local consolidation is not available a LTL pick up may be arranged in some areas for approved flooring materials. Depending on the location and size of job, **freight cost may be incurred by the Recycler**. LTL pickup must be pre-approved by Armstrong when other options are not available.

4. The recycler/consolidator/C&D Processor retains ownership of approved flooring materials until it is received and accepted at the destination, the Armstrong Plant, as defined by the terms of shipment, F.O.B. (Free on board) destination, despite Armstrong's payment of the freight costs for full trailer loads. While the Armstrong approved common carrier is not a party to this agreement, the following describes their responsibilities. The common carrier that Armstrong has selected is responsible for the transport of the approved flooring materials from the pickup location to Armstrong's plant. This carrier is an independent contractor utilized by Armstrong and required to demonstrate general liability insurance coverage that meets or exceeds industry standards.

End of Section