

## Dust Control Philosophy and Protocol

Keeping the dust from construction related activities is attainable and absolutely necessary for a first class professional remodeling company. Concrete and drywall dust will breach any barrier without Negative air flow. Creating Negative air flow in the room where the work is being done is the only way to maintain a dust free environment. Plastic walls do not work by themselves; proper equipment must be in place to draw the air from the part of the house not being remodeled. This provides air flow through any breach in the barriers into the work area and stopping dust from escaping into the house. Understanding this concept, adopting it and never departing from it are the only way to maintain a dust free project.

### Definitions:

**Fine Dust Creating Activities** – Cutting or placing material or supplies; Concrete, Stone or tile grinding, chipping, or cutting; Drywall or other types of wallboard cutting or sanding; sawing or sanding wood; insulation placement or removal. This list is not intended to be exhaustive or all inclusive.

**Negative Air Flow** - A vacuum type environment created in the work area. Air flow comes into the room from the other areas of the house. Dust created in the work area cannot escape into the house while air is coming into the work area from the house.

### Protocol

Bring the proper equipment:

Air Scrubbers and Hepa Vacs with clean filters.

Supplies to erect **Fixed Secure Barrier Walls** with **Fixed SECURE Openings**. These walls will *have high quality filter of 12" x 12" or larger as needed to keep the Fixed Secure Barrier Wall* from being pulled over by the air scrubbers. NOTE: Plastic walls erected and used for access and egress by pulling back and re-taping are useless and a waste of valuable time and resources, **WE DO NOT USE THEM.**

Achieve Negative Air by using the proper amount of air scrubbers (with clean filters) for the volume of the room (see the machine specs.). Exhaust the air scrubbers outside of the room (through a **Fixed Secure Barrier Wall**) using whatever length of pipe necessary to the outside of the house. The exit of the pipe to the outside cannot be through an open door or window or residual dust may re-enter the house. The exhaust pipe will exit the house through a **12" opening sealed** in a window or door opening using a **12" pipe flange and Tuff R** or equally alterable building material.

Rooms with a window or door will achieve negative air by the same processes above except the exhaust will be through a **12" opening sealed** in a window or door opening using a **12" pipe flange and Tuff R** or equally alterable building material. The air scrubber may be mounted in the window and **Sealed** for direct exhaust. Equipment and systems will be left in place until all fine dust related work is completed in the job. **Fixed Secure** barrier walls will be left in place until the job is completed or the owner asks to have them removed and upon permission of the management. Dust Control is no longer

possible when **Fixed Secure Barrier Walls** are removed and the company will not be held responsible for dust issues after the walls are down.

Air Scrubbers can be removed after fine dust creating activities are finished. Under no circumstances will we remove **Fixed Secure Barrier Walls** and air scrubbers until fine dust creating work is complete. Air scrubbers should be left with clean pre filters when our crews leave the construction site. Once the **Fixed Secure Barrier Walls** are removed no fine dust creating activities will be performed in the house by our crews or other crews.

In rooms where the ceiling is being removed the critical dust creating facets of the job must be done prior to removal of the ceiling. **Fixed Secure Barrier Walls** will remain in place until the removal criteria established above are met. If fine dust creating activities are necessary after the drywall is installed on the ceiling the negative air equipment and practices will be resumed.

If at any time during fine dust creating activities it becomes apparent that Negative Air has ceased; the **Fixed Secure Barrier Walls** are damaged or the air scrubbers are not working properly, work will cease until the problem is fixed and negative air is restored.

Owners and workers will be instructed to stop the job if the practices stated above are not followed. Extra charges for returning to the job will not be accepted for violation of these policies and procedures.

Additional mandatory procedures during demolition, drywall, concrete breaking-cutting or any other fine dust creating activities.

1. Negative air must be established prior to beginning work.
2. Vacuum walk mats at the end of the work day, if replacement is needed do it.
3. Replace air scrubber filters if needed. Clean the dirty filters (at the shop) in the morning and install in the drying rack.
4. Check the adjoining rooms for construction related dust at the end of the work day.
5. Get a signed approval by the owner when you leave the site.
6. New workers or sub-contractors should check the site for construction related dust prior to beginning work and notify the office for inspection prior to beginning dust creating activities.

Your appreciation and cooperation is needed and expected in this effort.

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Kitchen and Bath on the Isle.

