

french  ceiling  
Stretched ceiling system

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# Contents

Page 5 : concept

Page 7 : installation

Page 9 : color & finishes

Page 11 : feature & benefits

Page 13 : specifications

Page 15: a) the framing

Page 17: b) the membrane

Page 19 : c) perforation for light fixture and grids





A unique concept



# Introduction to an innovative concept



Residential

*Discover the concept that will change the way you think of ceiling finish*



Office



Temporary exhibition



Commercial

*It is chic, versatile:  
Why bother with old-fashioned sheetrock?*

A new skin for your ceiling by: French ceiling LLC



## Concept & product:

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The stretched ceiling concept originated in Europe 25 years ago. It was born out of the need for efficiency, elegance and safety, and has been streamlined over the years to become the system used today by French Ceiling.

The concept is simple: A supple vinyl sheet in a frame that can be fitted to even the most delicate wall moldings.

The frame is made in two variations:

- ✓ The "clip-in" section can be installed directly onto existing ceilings. Specially designed for French Ceiling, this self-locking clip-in section keeps the PVC vinyl membrane taut. Up to a 1000 sq. ft. sheet can be held in a single frame.
- ✓ In the other version the "clip-in" section is attached to a support specially designed and used when there is a need to lower the existing ceiling ("popcorn" T-bar, etc.). Its "L" shape permits this support to be fixed to the walls, eliminating the need to prep the existing ceiling entirely. In either case, the visible part of the frame is less than 1/10 of an inch.

The PVC membrane sheet is 0.17 mm thick vinyl (0.0067"), with all the benefits vinyl offers: fire retardant safety, waterproof, rot resistant, resistant to humidity and shock. An extremely high quality, "upscale" finish enhances all these practical qualities. Attached to the clip-in section of the frame, it stretches flawlessly from edge to edge, giving you ceilings (or even your walls) the most remarkable finish. The membrane is comprised of several strips, permanently welded by a high frequency welding machine.





Step 1

Step 2



Step 3



Step 4



## Installation:

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Our team of technicians performs the installation of our ceilings and walls. They are highly trained to perform an absolutely perfect installation, each and every time.

*Installation is a Four Step process:*

- **Step 1: Frame Installation.**  
This is performed either on the existing ceiling or the walls that enclose the room, which is an ideal solution for lowering the ceiling, to create a Technical Plenum (space) between the original ceiling and our stretched ceiling. Acoustic and/or thermal insulation can be integrated into the Plenum easily.
- **Step 2: Clipping the Membrane.**  
Once the frame is installed, the vinyl sheet is simply inserted into it using a spatula-like tool. The self-locking "clip-in" section stretches the vinyl and keeps it taut.
- **Step 3: Cutting.**  
Any excess vinyl sheeting is cut. Only a 1/12" frame remains visible. If desired, decorative any molding may be added.
- **Step 4: Modification for Lighting and/or Sprinkler Systems.**  
Special, custom-fit openings are created by our technicians to allow spotlights and/or sprinklers to be brought from the original ceiling, or to create a new lighting design for the new structure.





Bedroom in white satin



## Colors & finishes:

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French Ceiling is available in 55 colors and three distinctive finishes. The glossy and satin finishes reflect the light and the setting in which they are installed in a unique way that adds volume and depth to the decor of any room. The matte finish, which is suited to more conventional environments, will make even the most cramped enclosure feel airy and spacious. All our finishes are of superior quality, and can be adapted to complement any room style, whether contemporary or classic. So, whether you want your space to be bold or subtle, we have a finish and color to suit your design requirements.

### Safety:

French Ceiling is safe:

Our vinyl ceiling is a highly fire retardant. It is a Class 1 material; it has a low combustibility and stops burning as soon as the fire source is removed. It is important also to note that the stretched ceiling is a lightweight material, and is therefore a small part of that component in any given construction; in the event of fire, the material will emit an insignificant amount of smoke.

### Recycle:

French Ceiling is environmentally friendly:

Vinyl is made of 43% petroleum and 53% salt. According to The Vinyl Institute, "...Worldwide vinyl production represents less than 3% of all annual oil and gas consumption." Vinyl can be recycled: "The industry helped develop the equipment that automatically separates vinyl from other post-consumer plastic packaging, and is supporting efforts to expand recycling for non-packaging waste." Studies also have shown that vinyl can be safely incinerated.

French ceiling is simplicity, versatility, elegance, and safety.





Restaurant in white glossy



## Features & benefits:

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French Ceiling is a unique, versatile product that can be used in a variety of applications. It can be installed virtually in just about any space, anywhere: residential, commercial, public spaces, hotels and spas, schools and hospitals.

Whatever your ceiling project, you will find countless reasons to install French Ceiling:

Remodeling your home? French Ceiling can be used to create an incredibly dramatic effect in a room.

Revamping your shop? French Ceiling's fast installation procedure gets you up and back in business in as little as one day.

Operating a hotel or motel? French Ceiling makes maintenance easier than you've ever imagined.

French Ceiling is:

- A quick & clean installation (No need even to move the furniture!)
- A way to add an incredible effect to a room
- A luxurious way to hide "popcorn" and "T-bar" ceilings
- A permanent solution to cover the cracked, peeling, or water-damaged ceilings
- A broad range of colors and finishes (55 Decorator Shades in Matte, Satin and Glossy)
- Easy maintenance
- The perfect complement to any décor: traditional, contemporary, and everything in between
- A useful adjunct to soundproofing and/or thermal insulation
- Beautiful as a wall covering





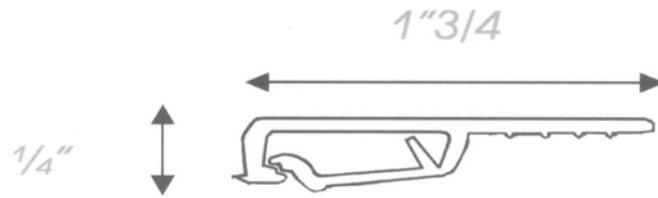
Theater in Stockton in beige satin



# *Specifications*

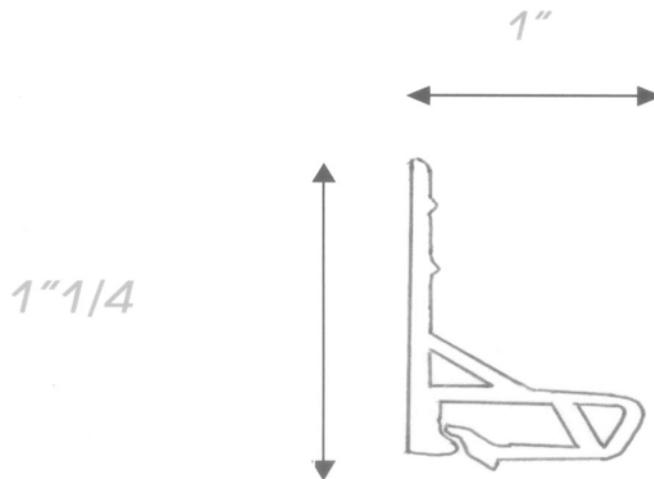
Our ceiling finish is a patented system. It allows for great flexibility to accommodate a variety of installations. In this section, we outline each element of the installation process





*Ceiling frame*

## *The framing*



*Wall frame*



## *The framing*

### The ceiling frame

This part of the frame is only ¼" thick and 1" 1/2 wide. It is specially designed to accept the stretched ceiling membrane. It has a self-locking clip-in section that will keep the membrane taut. It is made out of rigid PVC

It is be installed directly on the existing ceiling, using either staples or screws to fasten it securely, resulting in a ¼" gap between the two ceilings.  
See in Figure 1.

### The wall support/ ceiling frame

It is made out of rigid PVC; this support/ frame is used when a larger technical plenum is required to install a lowered ceiling. This support/frame is firmly secured to the walls using staples or screws. If needed, thermal or acoustic insulation is placed within the plenum

See Figure 2.

With either installation method, the finish is identical. Up to 1000 square feet can be held in a single frame. Only a 1/16 " of the frame remains visible once the membrane has been attached. The self-locking clips allow the membrane to be removed and reattached readily for easy maintenance. The ceiling can accommodate any redecoration scheme merely by replacing the membrane with another of a different color.



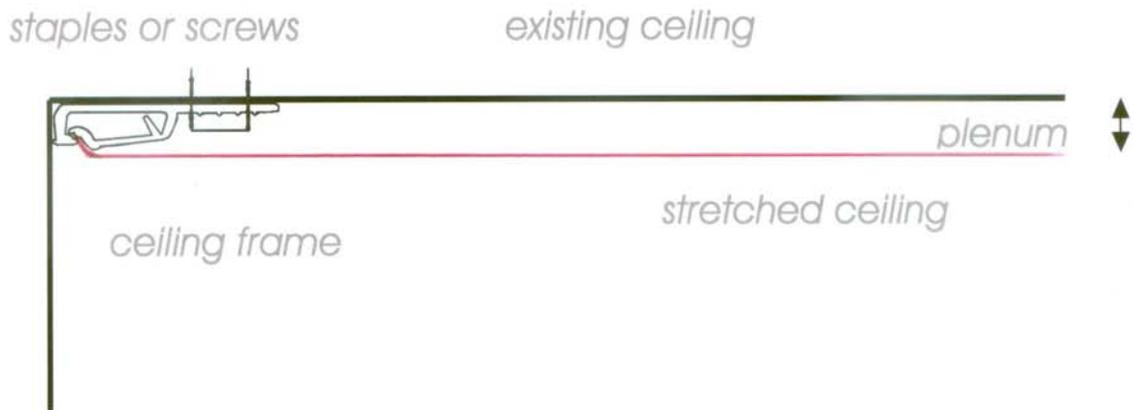


figure 1

## installation of the framing

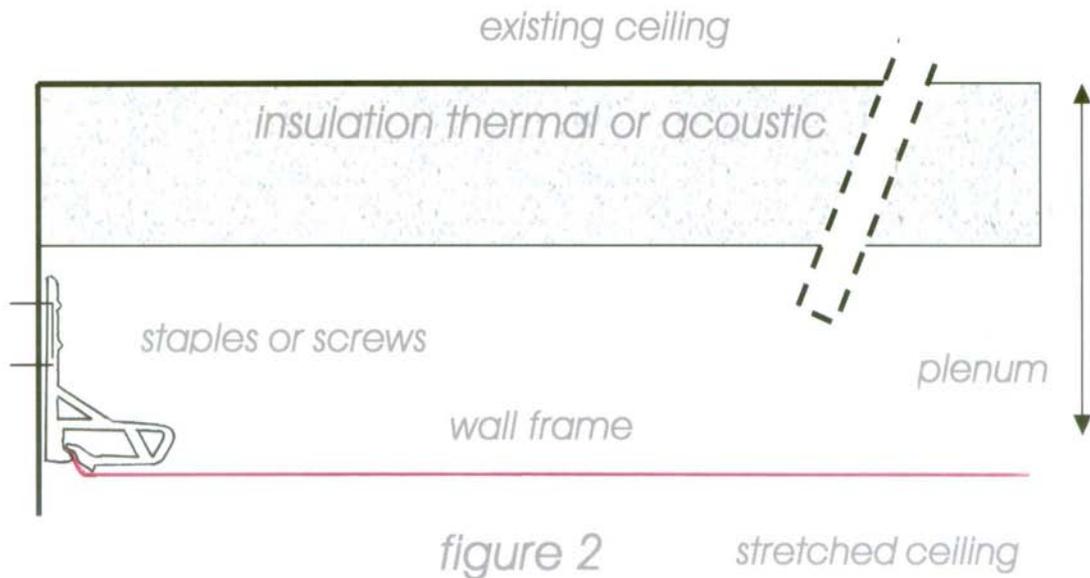


figure 2



## *The membrane:*



The PVC sheet was designed especially for stretched ceilings. It is 0,17 mm thick.

### This ceiling finish can be used every where:

- Residential
- Commercial
- Hotel
- Public place.

### This material is:

- Waterproof
- Fire proof (Class 1)
- Rot resistant
- Withstands high tension
- Heat proof, frost proof
- Resistant to humidity
- Shock proof (except cutting)

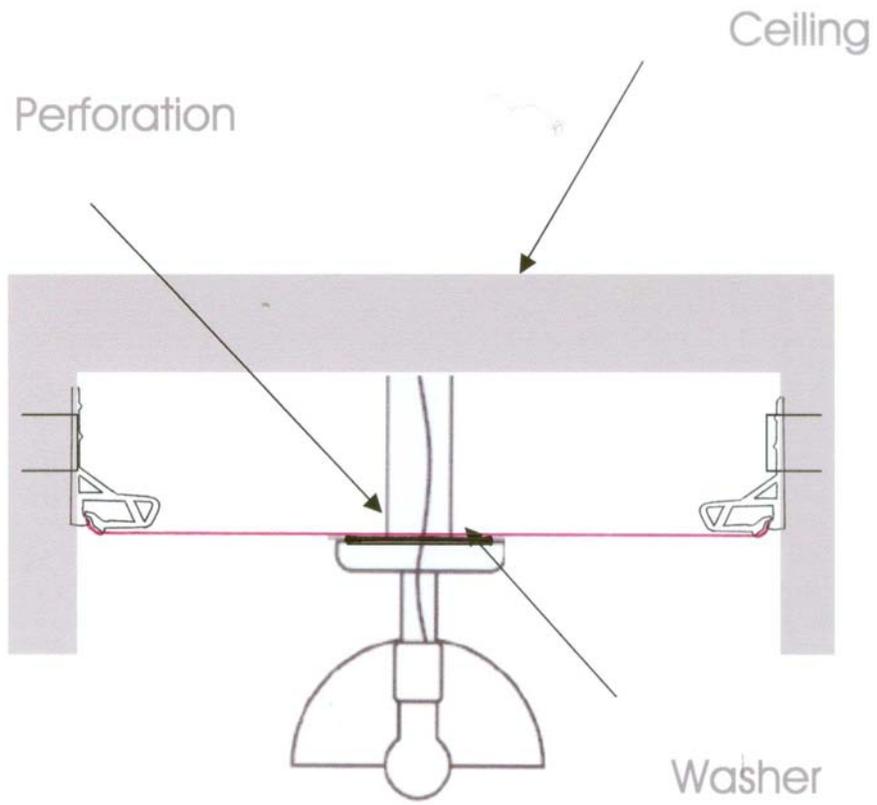
The membrane can be used for ceilings as well as walls. The edges of the PVC sheet are inserted into the clip-in section, which run around the room.

The PVC sheet comes in rolls the width available:

- 1,5 yard for the glossy finish
- 2.2 yards for the matte and the satin finish

Each ceiling is made up of several strips joined with a high frequency machine. The welding is very fine and does not interfere with the elegance of the ceiling.





*Perforation for light fixture*



## *Perforation for light fixture, grids and sprinklers:*



When Light fixture, grids, and sprinklers are part of the existing ceiling or when extra Light fixture are to be added the following procedure will take place.

*Non-professionals should perform no perforation*

### Light fixture

This procedure will involve the electrician and the stretched ceiling installer. This is a three step procedure

- The electrician prepares the wiring for the light fixture, when the ceiling is installed he will complete the installation.
- The installer stretches the ceiling; he has prior to the installation of the ceiling located the position of the light fixtures. Then for each light fixture he has prepared a PVC washer that will be glued to the ceiling just below the light fixture preparation. In most cases the washer is a flat ring with a circular hole in the center. When the washer is glued the installer with a box cutter will cut the inside of the ring allowing then the wiring to appear.
- The electrician can then finish the light fixture installation.

The procedure is the same when there is a Grid or Ceiling fan only the shape of the washer might change.

### Sprinkler

This procedure is different since we cannot remove the sprinkler. Before the installation of the ceiling the installer will wrap the sprinkler with some plastic wrap so it does not go off with the heat from the ceiling installation. The ceiling is stretched then the installer glues a washer around the head of the sprinkler covered with the membrane. When the glue is dry the installer will cut the inside of the ring, the wrapped sprinkler will appear, the last thing is to remove the plastic wrap. The sprinkler can operate then as usual.





Courtesy new concept

Shopping mall in translucent

