

7.2 Technics of spirial arched upholstery

The surface is consisted from furniture frames prepared before by wearing colons in spirial arched upholstery. On this surface is placed spirial arches , stuffing material and upholstery materials. Thus; the surface sholuld be prepared according to technic and the measurement.

➤ **Binding colons to furniture frame**

The colons prepared to the proper measurement are monrtaged. Colons should be placed balanced . The distance of two colons shouldn't be more than 5 cm . Colons can be fixed spirial arched upholstery in accordance to technic of it. Firstly colons are stapled and nailed from the upper part of furniture frame by folding .



Picture6.7: Binding colons to furniture frame

Colons fixed from one point to furniture frame is stretched by tensioner and nailed or stapled. After that colon extras is cut by regarding of folding pieces and then thesepoints by foldind is stapled or nailed from the top. In the hammering of second points , colons bruising should be prevented by using cardboard lanes. Colons hammered aid of cardboard lanes become firmer and regular.

➤ **Wearing of spirial arch**

Spirial arches are not usable when it is sold. Firstly the arches should be adjusted. Arches is nested in the package. They don't stand straightly . Two basic spirial are taken between two hands to adjust and provide elasticity. It is

adjusted to the middle and narrowed straightly . This process is repeated to the another side. In this way arches are adjusted.



Picture 6.8: Binding of spirial arches on furniture frame

Colons attached on upholstery floor are fixed lower part of spirial arches. After that, these arches are tied each other the aid of strings ropes firmly. Not to bother link of ropes to people the upper part is covered with rib it colon.

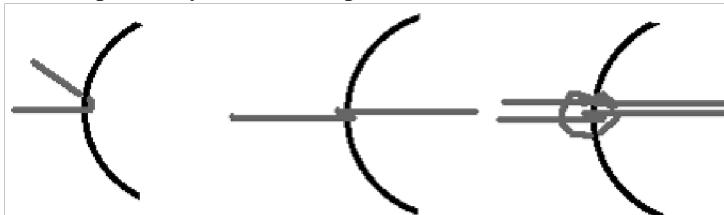


Picture 6.9: The surface of spirial arched upholstery

Colons are fixed under the furniture frame. After the adjustment spirial arches is worn by stretching lining cloth or quilted.



Picture 6.10: Upholstery surface of spirial arch binded furniture frame



Şekil 6.11: Binding of arches with double rope

Spiral arch upholstery is the shape of high upholstery. The surface of spiral upholstery is the most important stage of spiral arches. The placement and links of arches should be done attentively. All the stages is made on this surface because of that the careful working should be done. It provides orthopedic sitting. Stuffing material should be attached to lining cloth so that not to sliding . This technic is also applied in thhe works of couch , sofa and the bed. The height of upholstery is 10-15 average.



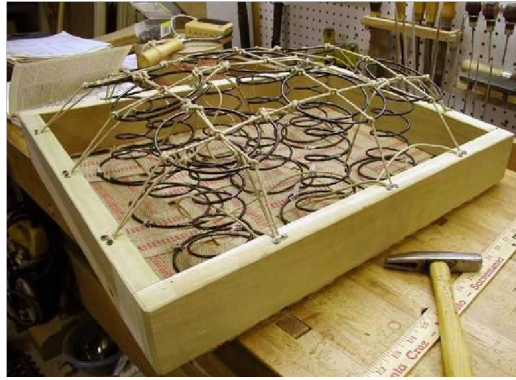
Picture 6.12: Upholstery floor spirial arched

Sewing of spirial arch to colon

Arch prepared to upholstery stage is placed by putting on furniture frame. In the sewing of arches to furniture frame triplet bobbin and curved needles are used. Sewing work continues from right front arch to left side with four sewing . After the ending of fist line, sewing continues with the next line. After the sewing of last arch'line , the sewing work is completed.

➤ Binding of spirial arch

In the spirial arched upholstery , the middele arch is the begining point by connecting arches from back to front. After that all the series of arches is binded by going to two side. After the connection made from back to front part is completed. Arches can be tied in accordance to arches, frames and the condition of colons. The most important connection in spirial arched connection is the arches connections which is made from bak to the front. Two different arch connection can be made as three roped and two roped.



Picture 6.13: Binding of spirial arches

The spirial arch connection made three roped

This is the shape of arch connection desired to be firmed and durable and preferred upholteries having lots of arches . Firstly, the fist binding rope is cut to arch serial. The first rope is hammered by kotting from head part with nail or staple wire. This adjustment rope is knotted according to arch height' measurement by stretchly. After that, it is nailed or stapled to opposite spaces of furniture frame.

.and firmed by binding second and third lines 'ropes. The most crucial thing in spirial arched upholstery is binding arches to the right position . front lines' arches should be tied to front lightly and back line' arches should be tied curved to the back. The middle line 'arches are standed uprightly .It provides balanced distribution for comfortable sitting. After the binding stage the height of arches should be low as 3-5 cm

The spirial arch connection made two roped

It is the system of arch' connection used in small upholstery works and serial works. In this system, the basic arch connection from back to front is made in accordance to the group of colon and arch. After this stage , the connection made sideway is completed with two roped. Both two roped and three rope connections is last stage of arch binding.

Attaching of prompt wire

After the stage of binding basic arches , the next stage is binding prompt wire. The prompt wire is prepared to the form of arch sides as proper to upholstery frame. The connection of prompt wire to arches is made with the aid of triple bobbin ropes or connection tools.

The end of connection stage is combined or attached with nail or staple wires to the back side of upholstery frame. After these stages, arch system is tied with two ropes by square or cross.

The front part of upholstery is generally pressed. Thus; arches should be tied firmly and small arches are placed to the front part. Arches positioned on upholstery frame are fixed with U-shaped nail, leather or cotton piece. The quilted is hammered between spiral arch and wood to prevent noise.



Picture 6.14: Sewing stuffing material put to spiral arch

Wadding cotton and lining cloth is spreaded to the type of stuffing material.



Picture 6.15: Wadding cotton

Artificial stuffing materials are commonly used in all upholstery stuffings nowadays.

These materials are always ready to use.

It is attached to the surface of arched upholstery not to sliding of rubber.



Picture 6.16: Stuffing material made rubber

If artificial stuffing material is used in upholstery, the fiber material or lining cloth is spreaded..



Picture 6.17: fiber material

The stage of wearing face cloth is not different from other upholstery types. The face covering material is prepared by turning to the upper part face covering material.



Picture 6.18: Samples of fabric in different figures



Picture 6.19: Preparation of face cloth

Because of face material is the showcase, it requires attentive. In these type of upholsteries , flowered and different figured fabrics are preferred. The fabric should be fixed stretchly as soon as possible. Because of couches and sofas are wide sized furnitures, they can be made in sewing machine



Picture 6.20: Sewing face cloth in machine

Fabric cutting to upholstery surface is attached to upholstery with the aid of staple wires. Attached sides are cut with curved knife or scissor.



Picture 6.21: Wearing of face cloth

In some upholsteries , fabric sewed completely is worn to upholstery.



Picture 6.22: Sample of upholstery placed face cloth and cleared from extras

The lines are used to hide extra parts and provide good image and attached with hot silicon and hobnail.



Picture 6.23: Embellishing of face cloth with lines and hobnail