

### 19. You want to know more about the type of glue we use.

The glue is a part of the revision. For instance, if you use Bisontix or Bisonkit, you run the risk of the glue affecting the foam immediately or at a later stage. More importantly, not all glues have the properties this special glue has. The special glue resembles wood glue, but it is markedly different.

Both are water-based glues, but wood glue becomes a lot harder and shrinks a lot more. Both characteristics make wood glue unsuitable for this purpose. The glue needs to follow the movements of the foam. Glue that is too hard will come off. If the glue shrinks too much on the joints between, for instance, cone and foam, it will pull the foam towards it.

The glue we provide is also very strong, a lot stronger than the form itself and it is a water-based glue. This industrial glue is especially made for hanging surround rims, dust caps, etc.

Audiofriends has conducted extensive tests with various types of glue on difficult surfaces.

Naturally, we also tested the glue on loudspeaker units. In this case, a unit of the most sold speaker in the world, the Bose 301.

Depending on the circumstances, it takes approximately 30 minutes for the glue to become strong enough to be handled safely.

After about 24 hours, the glue is so strong that the foam surround rips apart in case of heavy-handed removal. The glue will not come off. After extensive tests, glue B was chosen from a selection of four different glues.

The following has been taken into consideration (among other things):

1. Process ability
2. Force on various materials after 30 minutes of drying
3. Force on various materials after 24 hours of drying





The glue we use at Audiofriends also adheres very well to plastic. In this case too, the glue is actually stronger than the foam itself.