

Invention relates to the method of joining components and units of rail transport means by adhesive bonding. Method of joining the units of rail transportation means by adhesive bonding at performance of which previously prepared first component is joined with shape fitted second component with the help of the glues with different reaction characteristics up to the achievement of strength, which makes it possible to make manipulations. The first component (section of side wall 2 of sheet metal) by usual method is set in position of joining and is fixed in the form of readiness for performing of further work. On the first surfaces of the joint (2.1 and/or 3.1) of the first component (section of side wall 2 of sheet metal) and/or second component (profile section 3) selected and limited in the plane the first glue layer 4 is applied having the property of rapid setting and keeping the specific seam width at joining. The second glue layer is applied on the second surfaces of the joint (2.2 and/or 3.2) of the first component (section of side wall 2 of sheet metal) and/or second component (profile section 3) selected and limited in joining, the glue is applied in particular amount, flows slowly under joining but has fluidity and not hampering the use. Both components (section of side wall 2 of sheet metal, profile section 3, which are joined, are placed in required attitude position relative to each other, approach each other and are joined at selected sections of first combinable surfaces (2.1/3.1) under action of pressure at joining, the first layer of glue (4) connect the first component (section of side wall 2 of sheet metal) with the second component (profile section 3) on the sections of the first surfaces of joint (2.1/3.1), with formation of predetermined space in the joint assigned thanks to specific thickness of the first layer of glue (4) in the connection, with such first strength of connection that after the process of joining are possible the extractions and the displacements of the Joined unit (section of side wall 1) without change of shape and position of components relative to each other, and the second layer of glue (5), in which a quantity, and also fluidity and ability of moistening are such, that the substituted first layer of glue (4) can contact with another component (profile section 3 or section of side wall (2) of the sheet metal) on the sections of the first surfaces of joint (3.1 or 2.1) fills the gap in the joint, which remains on the sections of other surfaces of the joint (2.2/3.2) between the first and second components (sections of the side wall 2 of sheet metal, profile section 3).