

How to set plicafix plywood repair plugs perfectly flush.

Setting plywood repair plugs in such a way, that the concrete surface will later show no indentation requires a little understanding of physical properties of wood and water.

Processed wood directly from the factory has a moisture of ca. 8 per cent. Plywood panels, that have been used on site have a much higher moisture content of ca. 30-50 per cent.

After setting the repair plug into the panel, it will suck up moisture from the surrounding wood and swell. To avoid plugs from sticking up from the panel's surface, one must set them a fraction of a millimeter deeper so it has room to swell. We recommend half the thickness of a fingernail.

See for yourself how to adjust and correctly set a plywood repair plug:

1. Adjust the machine depth stop:



we use a plug to see how deep we need to drill and add a half fingernail.

2. drill to adjusted depth



you can see the decline of the drill bit's knives towards the middle of the hole. Creating a funnel shape. This gives room for excess glue to expand to.

3. apply glue into the edge



4. Set in plug with a rubber hammer, it should now be a little bit „too deep“. But as explained above, it will swell and rise to be flush and even with the rest of the board. The Glue will seal the edge towards the surface and excess glue can expand into the „funnel“.

