

tesa® 60151 Adhesion Promoter Glass Surface treatment to improve adhesion to glass

tesa® Adhesion Promoter 60151 Glass can be used to improve the adhesion of tesa's superior pressure-sensitive adhesive tapes (especially tesa® ACX^{plus}) on glass substrates.

Main Application

This adhesion promoter was specifically developed to ensure permanent bonding and moisture resistance on glass substrates (not recommended for laquered or foil-coated glass). This product can be used to significantly improve the bonding strength of tesa® ACX^{plus} tapes (testing shows significantly higher peel adhesion values).

Technical Data

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| ▪ Color | transparent | ▪ Density | 0.81 g/cm ³ |
| ▪ Consistency | liquid | ▪ Spreading rate ca. | 15 m ² /l |
| ▪ Solids | 0.5 % | ▪ Components | isopropyl alcohol, silane |
| ▪ Viscosity | 2.5 mPa s | | |

Additional Information

The bonding surface (substrate) should be free of dust, grease, oil, moisture, and other contaminants before using adhesion promoter. Therefore, we strongly recommend cleaning the substrate with a lint-free cloth using appropriate solvents (e.g. ethanol or isopropanol alcohol).

Once the surface has been cleaned, you can go ahead and apply tesa® Adhesion Promoter 60151. We recommend applying this adhesion promoter with a lint-free cloth. Wet the cloth thoroughly with adhesion promoter and wipe once and in a single direction over the surface. Immediately use another lint-free cloth to remove excess adhesion promoter from the surface - a squeaking noise indicates a good layer thickness on most glass types. The entire surface should be coated thinly with adhesion promoter in order to reach the highest bonding performance. It is important to wait at least 30 seconds (and a maximum of 5 minutes) in order to give the solvents time to evaporate. Please make sure to keep the prepared surface free of contaminants prior to applying the tape.

Once the substrate has been properly pre-treated with tesa® Adhesion Promoter 60151, the bond should be established within 15 minutes. Please note that due to the multitude of available substrate formulations in the marketplace, it is recommended to test tesa® Adhesion Promoter prior to usage.

- The shelf life of this product amounts to at least 12 months when stored at room temperature in its sealed original container.
- For further information kindly refer to the respective safety data sheet (SDS), which is available upon request.

For latest information on this product please visit <http://l.tesa.com/?ip=60151>

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