

1. Gloss measurement of the primer surface on a vane

The gloss factor of the primer surface of vanes from wind turbines should be measured contactless. For this purpose a gloss sensor type **RLS-GD-15/60°** is used at a distance of 15mm to the respective primer surface. At this, the gloss sensor is mounted on a robot and will be moved vertically to make sure, that the distance to the primer surface of the vane remains approximately at 15mm, simultaneously the vane will be moved horizontally so that the gloss factor can be measured along the long axis of the vane. Normally the gloss factor of the primer surface should be lower than 5, to guarantee that the following coating get a fix compounding to the primer surface.

