

# TARGETS AND MARKING MATERIAL

## FIELD OF APPLICATION:

The GEODATA reflector and marking system is a cost-effective and versatile product line for many geodetic applications. It is particularly suited for application in deformation and monitoring measurements in tunnelling, due to the high precision of the individual components. It can, however, also be profitably deployed for many other surveying tasks.








## HIGHLIGHTS:

- Flexible and modular designed product line
- Compatible with LEICA prisms
- Gimbaled mounting of the prisms and reflectors
- Robust construction
- Highly accurate CNC manufacturing

## TECHNICAL SPECIFICATIONS

	<p><b>Prism-Target</b> Recording distance</p> <p>Material</p> <p>Reflector constant</p> <p>Manufacturing Accuracy</p>	<p>From approx. 0.3m to 600m</p> <p>Reflector support is made of plastic, mounted on universal joints and prism with plastic mounting</p> <p>18.2mm</p> <p>+/-0.1mm</p>
	<p><b>Monitoring Prism</b> (for Rails and Structures, robust)</p> <p>Recording distance</p> <p>Reflector constant</p>	<p>From approx. 0.3m to 600m</p> <p>18.2mm</p>
	<p><b>Bireflex Target</b> Recording distance</p> <p>Material</p> <p>Reflector constant</p> <p>Manufacturing Accuracy</p>	<p>From approx. 12m to 140m</p> <p>The reflector support is plastic, mounted on universal joints with foil coating on both sides</p> <p>34.4mm</p> <p>+/-0.1mm</p>
	<p><b>Bireflex Target with integrated Breaking Point</b> Recording distance</p> <p>Material</p> <p>Reflector constant</p> <p>Manufacturing Accuracy</p>	<p>From approx. 12m to 140m</p> <p>The reflector support is plastic, mounted on universal joints with foil coating on both sides</p> <p>34.4mm</p> <p>+/-0.1mm</p>

## TECHNICAL SPECIFICATIONS (cont)

	<p><b>Convergence Bolt, R3/8" male thread</b></p>	<p>Tenax Tx 55, galvanized R 3/8" male threads Standard length 250mm (other length on demand)</p>
	<p><b>Convergence Bolt with Wild Adapter</b></p>	<p>Tenax Tx 55, galvanized with Wild Adapter Standard length 250mm (other length on demand)</p>
	<p><b>Blast Protection Ring for Convergence Bolt</b></p>	<p>Protects the convergence bolts during blasting and shotcreting</p>
	<p><b>Protective Cap for R 3/8" Convergence Bolt</b></p>	<p>PVC Protects the Convergence Bolt thread</p>
	<p><b>Adapter with Breaking Point for R 3/8" Convergence Bolt</b></p>	<p>PVC Can be used in combination with bireflex target</p>
	<p><b>Wall bolt with M8 thread</b></p>	<p>PVC, brass and niro</p>
	<p><b>Adapter for M8 wall bolt</b></p>	<p>PVC For mounting of targets on wall bolts</p>

