

Apo-Sironar-S

The Super Lens with Exceptional Sharpness and Covering Power

The Rodenstock Apo-Sironar-S is a universal lens which has been finely tuned to provide the best image reproduction quality and whose advantageous working aperture and large angle of view make it suitable for a variety of applications. Its particular strength is revealed when very fine structures have to be reproduced correctly both in the area around the image circle center and in the outer area used for camera movements. This feature, together with the almost perfect freedom from distortion, makes the Apo-Sironar-S particularly interesting for product or architectural photography.

The Favorite Lens for All Sharpness Fanatics Who Work with High Camera Movements

The Apo-Sironar-S does not just offer the feature of exceptional sharpness – it also provides an angle of view of 75° which is larger than that of conventional large format standard lenses and so permits even more generous camera movements. All in all, the Apo-Sironar-S is therefore the ideal lens whenever very high sharpness and very high camera movements are required simultaneously. In the format 4×5", for example, the Apo-Sironar-S 150 mm f/5.6 provides a vertical or horizontal shift 9 mm higher than that of the corresponding Apo-Sironar-N. The larger covering power can also be used for higher swings and tilts to transpose the depth of field.

ED Glass with Anomalous Dispersion Provides Freedom from Color Fringes Up To the Corners

Thanks to the use of special glass combinations, including the use of ED glass (ED = extra-low dispersion) with anomalous partial dispersion, it was possible to provide the 6 element (in 4 groups) lens with

apochromatic correction. The reduction of all chromatic aberrations by this measure means that no visible color fringes occur right up to the picture edge, not even at high-contrast structures such as the edges of dark objects on a light table. In this context, it is just as important that flare could be kept to a minimum thanks to high production quality and MC coating. In addition, the light fall-off towards the edge has been kept relatively low for the high angle of view of 75° and very uniform illumination has been achieved.

Larger Working Apertures Than Usual Thanks to Very High Optical Performance

The Apo-Sironar-S offers exceptional image quality from the center of the image circle right up to the edge areas. This feature means that in a number of cases, and wherever the depth of field required for the motif allows, a one-step larger working aperture than is possible with other high-quality standard lenses can be used. Due to the resulting shorter exposure times, this feature will provide better sharpness of moving objects in outdoor photography.



Apo-Sironar-S 240 mm f/5.6 in Copal 3 shutter