

## 1. Scope of Project

This specification describes AR coatings for four plane parallel fused silica focus compensator blanks which are to be used at wavelengths 320 - 900 nm in the Prime Focus Imaging Spectrograph on the Southern African Large Telescope (SALT).

## 2. Physical Properties (Customer Supplied Material)

Item	Quantity	Thickness (mm)	Dimension (mm)	Clear Aperture (mm)
1	1	8	130 × 90	120 × 80
2	1	12	115 dia	105 dia
3	2	24	115 dia	105 dia

Material: Corning HPFS 7980 Grade 2F

## 3. Coating Performance Specifications

Broadband AR coating both surfaces.

Coating range: 320 - 900 nm

Maximum reflectance/ surface: <1% over coating range, for an F/2.2 beam (normal incidence - 13 deg).

## 4. Documentation

Reflectance curve (normal incidence) from actual samples.