



Figure 2-2.15 Use of fusible metal (Wood's alloy type) to visualise the distribution of wetting and non-wetting phases

Block of ground glass subject to drainage of the “vacuum” phase (metal vapour) by the molten alloy, under the effect of gravitational forces. After the alloy has solidified, the zones not invaded by metal have been saturated with red epoxy resin. On the polished sides (a and b), the metal is silvery in appearance and the glass resin mixture is very dark red. On the thin section (c), the metal is black, the resin very pale pink and the ground glass grains lighter.