Appendix G: Topographical Pictures Obtained by Scanning Electron Microscope

Figure G1Picture of stainless steel 316L specimen after 720 h/550 °C test from scanning electron microscope with 13800x zoom (50 μ m x 50 μ m view field).

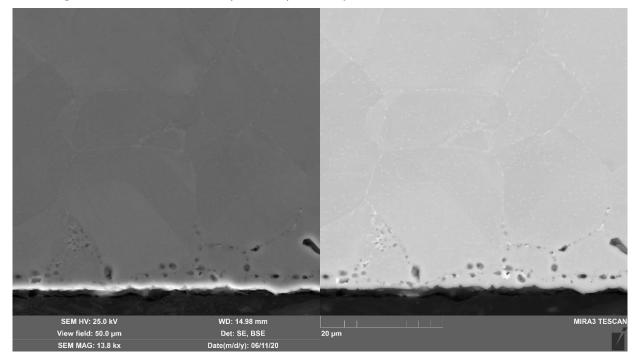


Figure G2Picture of stainless steel 316L specimen after 720 h/700 °C test from scanning electron microscope with 13800x zoom (50 μ m x 50 μ m view field).

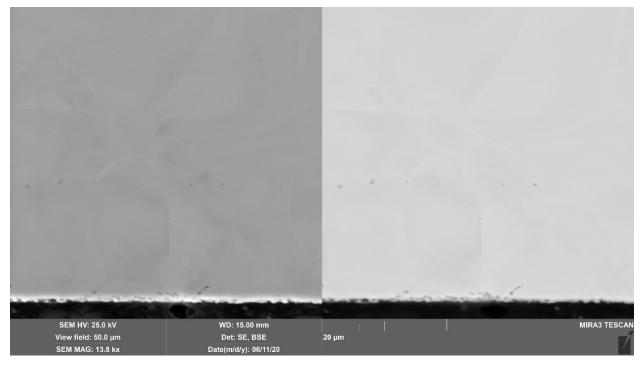


Figure G3 Picture of stainless steel 316L specimen after 2160 h/550 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

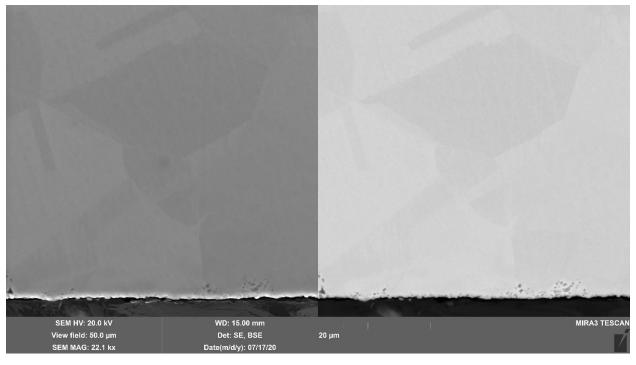


Figure G4 Picture of EUROFER 97 specimen after 720 h/550 °C test from scanning electron microscope with 13800x zoom (50 μ m x 50 μ m view field).

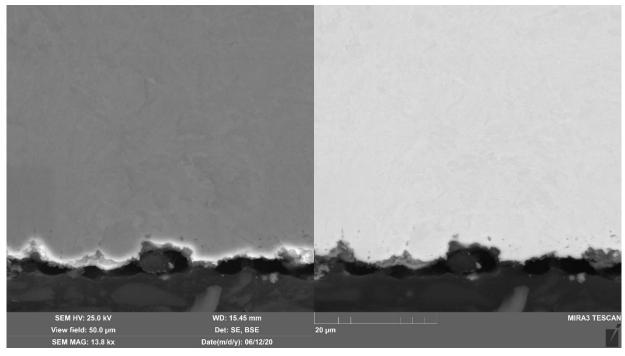


Figure G5
Picture of EUROFER 97 specimen after 720 h / 700 °C test from scanning electron microscope with 13800x zoom (50 μ m x 50 μ m view field).

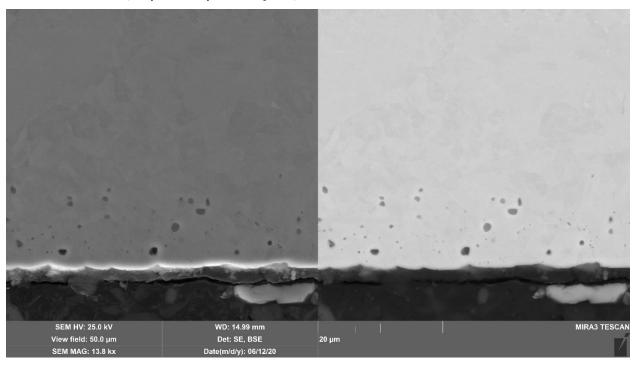


Figure G6Picture of EUROFER 97 specimen after 2160 h / 550 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

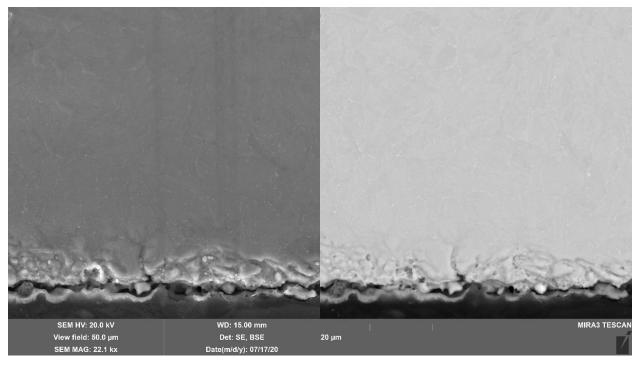


Figure G7 Picture of Incoloy 800HT specimen after 720 h/550 °C test from scanning electron microscope with 13800x zoom (50 μ m x 50 μ m view field).

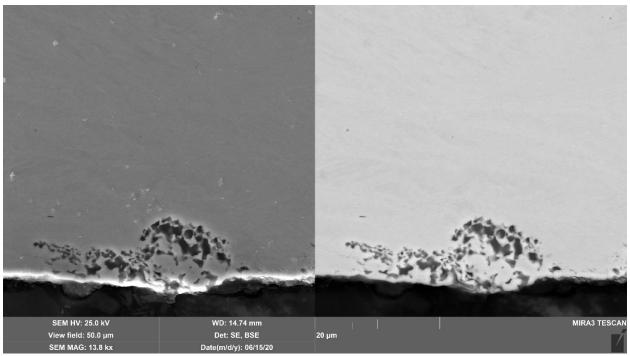


Figure G8Picture of Incoloy 800HT specimen after 720 h / 700 °C test from scanning electron microscope with 13800x zoom (50 μ m x 50 μ m view field).

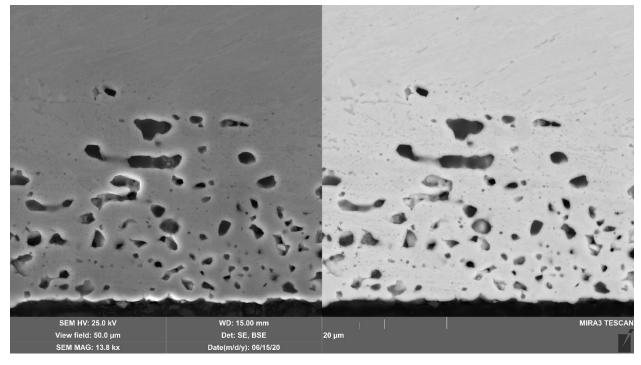


Figure G9 Picture of Incoloy 800HT specimen after 2160 h / 550 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

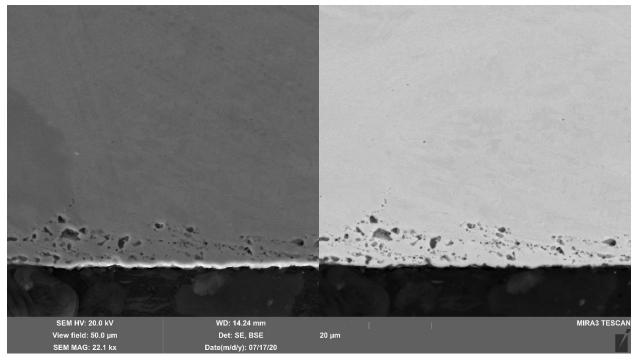


Figure G10 Picture of Inconel 600 specimen after 720 h / 700 °C test from scanning electron microscope with 13800x zoom (50 μ m x 50 μ m view field).

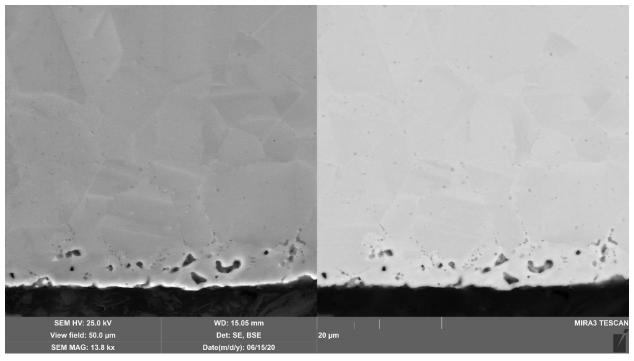


Figure G11 Picture of Inconel 600 specimen after 2160 h / 550 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

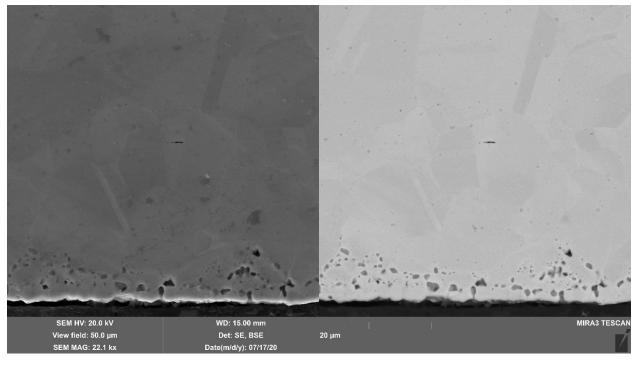


Figure G12 Picture of Inconel 625 specimen after 720 h / 550 °C test from scanning electron microscope with 13800x zoom (50 μ m x 50 μ m view field).

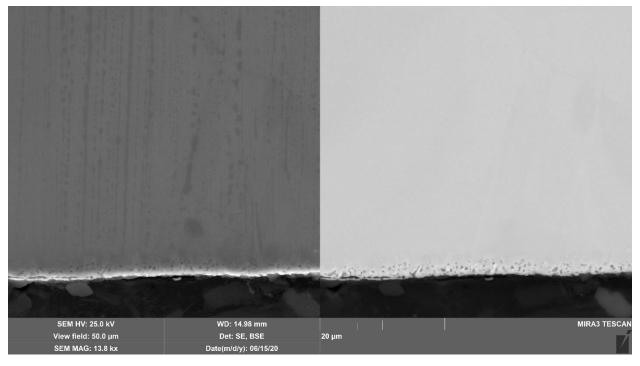


Figure G13Picture of Inconel 625 specimen after 720 h / 700 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

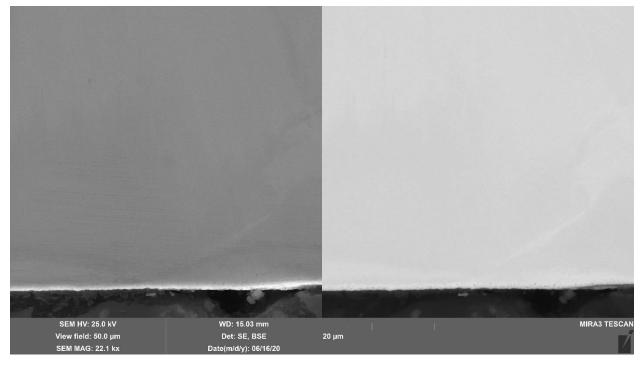


Figure G14 Picture of Inconel 625 specimen after 2160 h / 550 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

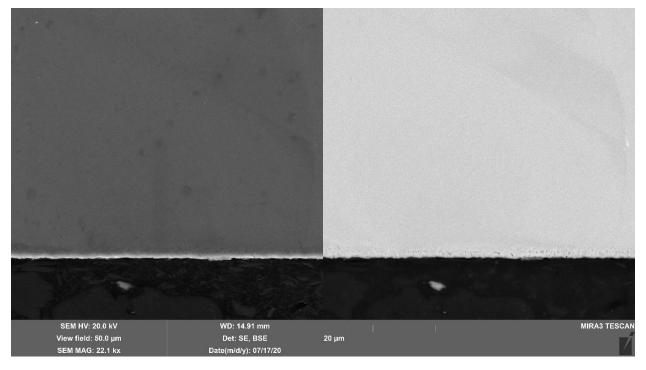


Figure G15 Picture of MoNiCr specimen after 720 h/550 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

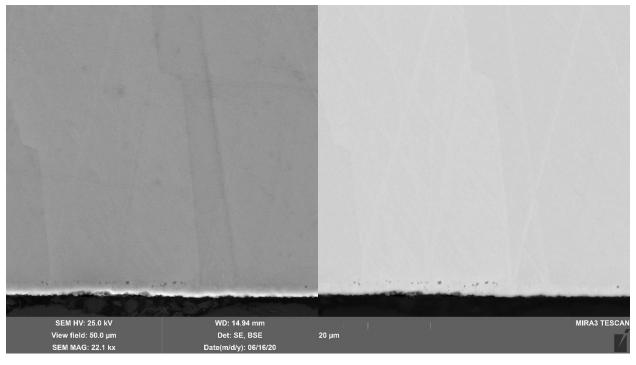


Figure G16 Picture of MoNiCr specimen after 720 h/700 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

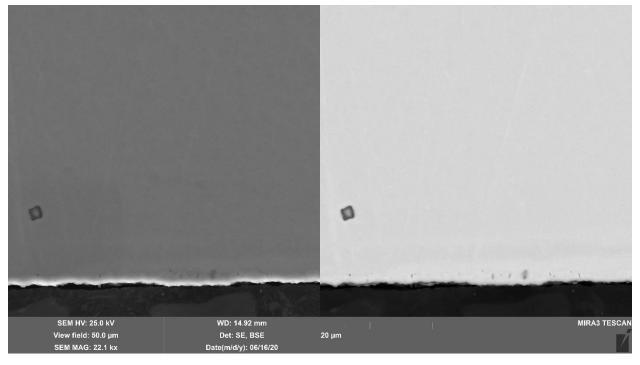


Figure G17 Picture of MoNiCr specimen after 2160 h/550 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

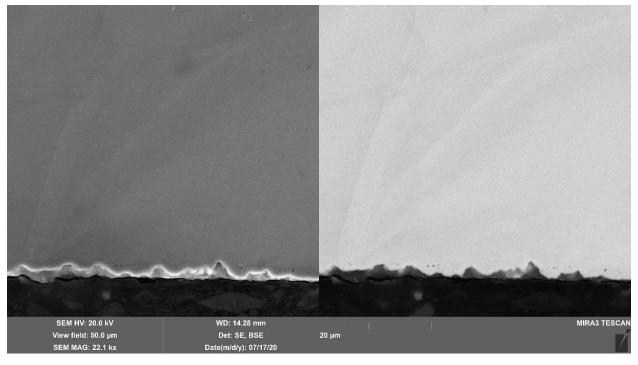


Figure G18Picture of MoNiCr sheet specimen before test from scanning electron microscope with 738x zoom (1.5 mm x 1.5 mm view field).

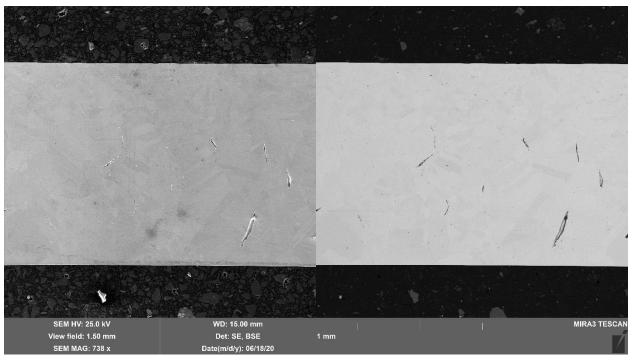


Figure G19 Picture of MoNiCr sheet specimen after 720 h/550 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

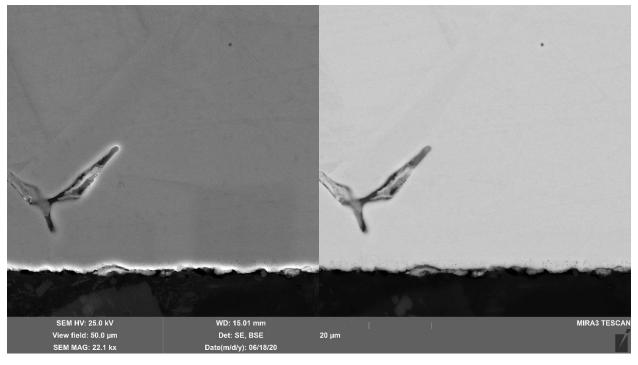


Figure G20 Picture of MoNiCr sheet specimen after 2160 h/550 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

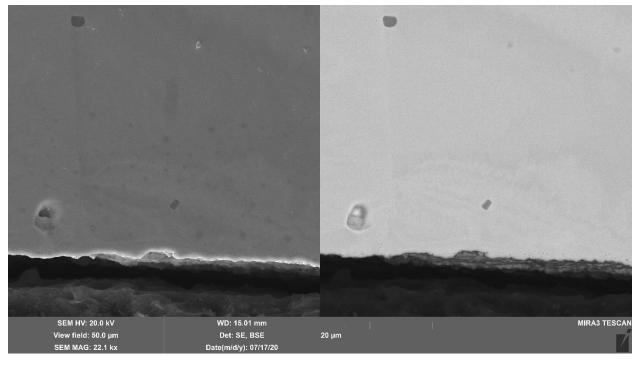


Figure G21 Picture of HN80MTY specimen after 720 h / 550 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

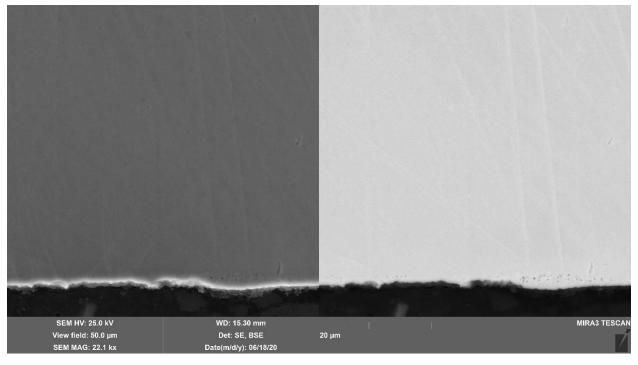


Figure G22 Picture of HN80MTY specimen after 720 h / 700 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

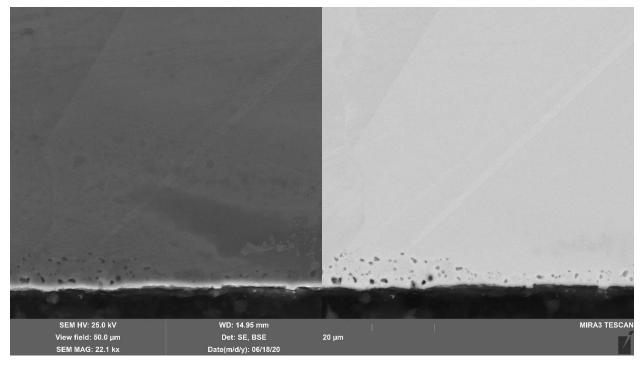


Figure G23 Picture of HN80MTY specimen after 2160 h / 550 °C test from scanning electron microscope with 22100x zoom (50 μ m x 50 μ m view field).

