



Fig. 3: Capillary face water contact angle for wood blocks as a function of ALD precursor and exposure time (15, 45, 135 minutes). a) shows the reference cut capillary face and capillary draw direction relative to the contact angle drop. Data was collected for b) Pine c) Cedar and d) Poplar wood species. Error bars represent the sample to sample standard deviation for untreated wood blocks. Dotted black lines show the range of contact angles obtained for untreated wood.