interface-union-dom[11,40]

$\forall X, Y:ik$:LocKnd fp$\rightarrow$ Top, ik:LocKnd.
$ik \in \text{dom}(\text{interface-union}(X;Y)) \sim (ik \in \text{dom}(X) \vee_b ik \in \text{dom}(Y))$