

## **fpf-join-dom**<sup>11,40</sup>

$\forall A:\text{Type}, B:(A \rightarrow \text{Type}), eq:\text{EqDecider}(A), f,g:\text{fpf}(A; a.B(a)), x:A.$   
 $(\uparrow\text{fpf-dom}(eq; x; \text{fpf-join}(eq; f; g))) \iff ((\uparrow\text{fpf-dom}(eq; x; f)) \vee (\uparrow\text{fpf-dom}(eq; x; g)))$