```
fpf-sub-join-left  THM

⊢  ∀A:Type, B1,B2:(A→Type), eq:EqDecider(A), f:a:A fp-> B1(a),
    g:a:A fp-> B2(a). f ⊆ f ⊕ g
  by Auto THEN Unfolds [‘fpf-sub‘] 0
     THEN
     Try
     (RWO
      Thm* ∀B,C:(A→Type), eq:EqDecider(A), f:a:A fp-> B(a),
            g:a:A fp-> C(a), x:A. x ∈ dom(f) ⇒ f ⊕ g(x) = f(x) ∈ B(x)
      {fpf_DASH_join_DASH_ap_DASH_left}
      0)
     THEN
     Try
     (RWO
      Thm* ∀eq:EqDecider(A), f,g:a:A fp-> Top, x:A.
           x ∈ dom(f ⊕ g) ⟺ x ∈ dom(f) ∨ x ∈ dom(g)
      {fpf_DASH_join_DASH_dom2}
      0
      THEN
      OrLeft)
END
```