```
flatten_wf  THM

⊢  ∀'a:Type, l:('a List) List. flatten(l) ∈ 'a List
  by Id THEN StrongAuto THEN Try (Complete (Unfold `label` 0))
     THEN
     ((ListInd 2) THEN (RecUnfold `flatten` 0))
     THEN
     Simp
     THEN
     StrongAuto
END
```