

UNITAN LEATHER TANNING AGENTS / Formulae

8. Leather Belt from wet-blue (UNITAN ATO / UNITAN ATS or ATD)

Wet-blue shaved 2,5 / 3,0 mm % over shaved weight

	200%	Water 40°C	
	3%	UNICLAR	Run 2 hs / pH: 2,0-2,5 -Drain-
Wash	300%	Water 30°C	Run 15 min - Drain-
	50%	Water 25°C	
	2-4%	Neutralizing agent	
	2%	Phenolic syntan	Run 30 min / pH: 3,8-4,0
	5%	UNITAN JR	Run 90 min / check 30% penetration
	5%	UNITAN ATO	Run 30 min
	8%	UNITAN ATO	
12 RPM	7%	UNITAN ATS / ATD	
	1-2%	Dyestuff	Run 60 min
	3%	Estyrene maleic resin	
	3%	Acrylic resin	
	1%	Sulphated neat's foot oil	Run 30 min
	5%	UNITAN ATO	
	10%	UNITAN ATS / ATD	Run 2 hs until total penetration. Automatic over night
	5%	Melaminic resin	Run 30 min
Add	100%	Water 45°C	Run 10 min
	0,6%	Formic Acid	Run 10 min / pH: 3,6
	2%	Chrome 33°	Run 45 min - Drain-
Wash	300%	Water 45°C	Run 10 min - Drain-
	100%	Water 45°C	
	3%	Sulphated neat's foot oil	
	1%	Raw neat's foot oil	
	0,7%	Formic Acid	Run 20 min / pH: 3,6 -Drain-
Wash	300%	Water 25°C	
	0,5%	UNICLAR	Run 10 min - Unload -

Pile rest / Drain / vacuum 60°C / 2 min. / hang / conditioning.