Dyckerhoff

Well Cement Laboratory

Average Data Sheet 2018

Dyckerhoff MIKRODUR® P-F Microfine Cement
(Deliveries from January to December)

Fresh water to cement ratio for all tests performed (w/c):	**1,45**
Slurry formulation:	neat
Specific gravity of slurry (slurry density):	1,38 kg/dm³
Absolute grain density of dry powder:	~3,15 kg/dm³
Grain size distribution D (95%), D (50 %):	~ 14 µm **(< 16 µm)**, ~ 4,5 µm **(< 5 µm)**
Bulk Density	~ 0,9 kg/dm³

Rheology* at:	***27 °C***
Dial readings at rpm 300-200-100:	16-14-12
Dial readings at rpm 60-30-20:	10-7-5
Plastic viscosity (PV):	6 cP
Yield point (YP):	10 lbf/100ft

Cube compressive strengths at:	***38 °C*** atmospheric
After 8 h	61 psi **(> 50 psi)**
After 24 h	650 psi **(>500 psi)**

In Bold and Brackets: Internal Quality Requirements

January 2019

* Without second mixing after removing the slurry from the atmospheric consistometer