PMT MEASUREMENT REPORT

COEFFICIENT OF STATIC AND DYNAMIC FRICTION
WITH PMT FRICTION BLOCK **(FLAT ROOF)**

PRODUCT INFORMATION

Name	
Number	
Adress	

MEASUREMENT CONDITIONS

Auditor		**System**	EVO 2.0 (Static friction coefficier	
Test date		**Test weight m_N**	6,22	kg
Roof covering		**Test load F_N**	61,00	N
Roof insulation		**Test surface**	PE-Schaum RG 40	
Roof age	New	**Test tool**	PMT-Zugschlitten V2.1	
Roof condition	Light soiling	**Outdoor air temperature**		°C

STATIC FRICTION dry

$F_{SFD\,1}$	N	$F_{SFD,\,average}$	N
$F_{SFD\,2}$	N	$F_{SFD,average}=(F_{SFD1}+F_{SFD2}+F_{SFD3})/3$	
$F_{SFD\,3}$	N		

STATIC FRICTION wet ca. 1 l/m

$F_{SFW\,1}$	N	$F_{SFW,\,average}$	N
$F_{SFW\,2}$	N	$F_{SFW,average}=(F_{SFW1}+F_{SFW2}+F_{SFW3})/3$	
$F_{SFW\,3}$	N		

SLIDING FRICTION dry

$F_{SLFD\,1}$	N	$F_{SLFD,\,average}$	N
$F_{SLFD\,2}$	N	$F_{SLFD,average}=(F_{SLFD1}+F_{SLFD2}+F_{SLFD3})/3$	
$F_{SLFD\,3}$	N		

SLIDING FRICTION wet ca. 1 l/m

$F_{SLFW\,1}$	N	$F_{SLFW,\,average}$	N
$F_{SLFW\,2}$	N	$F_{SLFW,average}=(F_{SLFW1}+F_{SLFW2}+F_{SLFW3})/3$	
$F_{SLFW\,3}$	N		

COEFFICIENT OF FRICTION

Static friction coefficient dry μ_{SFD} $\mu_{SFD}=F_{SFD,average}/F_N$	
Sliding friction coefficient dry μ_{SLFD}	
Static friction coefficient wet μ_{SFW} $\mu_{SFW}=F_{SFW,average}/F_N$	
Sliding friction coefficient wet μ_{SLFW}	
Static friction coefficient to be applied for the design μ_H μ_H = smaller value from the calculations μ_{SFD} and μ_{SFW}	

OTHER INFORMATION / CONFIRMOFACCURACY

I hereby confirm the accuracy of the information.

Name	
Place, Date	
Signature / Stamp	

PMT-MEASUREMENT REPORT-V1-09/2023